

CHEMICAL METROLOGY SERVICE (SCHEMA) - LIST OF ACCREDITED PROCESSES

| code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Technical Field / Area | Test item level 1 | Test item level 2             | Property 1        | Property 2                                                                                       | SCHEME | Introduced in |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|-------------------------------|-------------------|--------------------------------------------------------------------------------------------------|--------|---------------|
| <b>Explanation: -Every PT scheme is registered in this list, together with the substrate and any new parameters available for determination. If the property boxes are empty, this means that the comparison does not offer new parameters for determination regarding those that were available the previous years of the operation of the particular PT scheme. - The parameters and substrates marked with an asterisk (*) are within the scope of accreditation, and provided for the first time. ■</b> |                        |                   |                               |                   |                                                                                                  |        |               |
| 11 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Food Testing           | Food & feed       | crisp bread                   | food allergens    | sesame                                                                                           | 11 01  | 2012          |
| 12 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Food Testing           | Drinks            | Spirits (alcoholic beverages) | Common parameters | Alcoholic strength (%), Congeners, sugars, phthalate esters                                      | 12 01  | 2011          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 02  | 2012          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 03  | 2013          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 04  | 2014          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 05  | 2015          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 06  | 2016          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 07  | 2017          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 08  | 2018          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 09  | 2019          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) | denaturants       | anethole                                                                                         | 12 10  | 2020          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) | metals            | Cd, Cu, Pb                                                                                       | 12 11  | 2021          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) | metals            | BITREX, IPA, MEK                                                                                 | 12 11  | 2021          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 12  | 2023          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 13  | 2024          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   |                                                                                                  | 12 14  | 2025          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Spirits (alcoholic beverages) |                   | pulegone *, thujone (α- & β-) *                                                                  | 12 15  | 2026          |
| 13 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Food Testing           | Drinks            | wine                          | Common parameters | Density, Alcoholic strength, Acidity (volatile, total), SO2 (free, total), pH                    | 13 02  | 2012          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 03  | 2013          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 04  | 2014          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 05  | 2015          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 06  | 2016          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          | other parameters  | reducing substances                                                                              | 13 07  | 2017          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 08  | 2018          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 09  | 2019          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 10  | 2020          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 11  | 2021          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 12  | 2022          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 13  | 2023          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 14  | 2024          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 15  | 2025          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | wine                          |                   |                                                                                                  | 13 16  | 2026          |
| 14 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Chemical testing       |                   | ethanol                       | Denaturants       | Phthalate esters                                                                                 | 14 01  | 2013          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | antiseptic lotion             | Denaturants       | BITREX, IPA, MEK                                                                                 | 14 02  | 2022          |
| 15 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Food Testing           | Drinks            | beer                          | Common parameters | Alcohol content, gravity, plato, real/apparent extract, Degree of fermentation, pH, Heavy metals | 15 01  | 2015          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | beer                          |                   |                                                                                                  | 15 02  | 2016          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | beer                          |                   |                                                                                                  | 15 03  | 2017          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | beer                          |                   |                                                                                                  | 15 04  | 2020          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | beer                          |                   |                                                                                                  | 15 05  | 2022          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | beer                          |                   |                                                                                                  | 15 06  | 2026          |
| 21 OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Environmental Testing  | water             | Potable                       | Common parameters | Anions (F, Cl, NO3, SO4), Cations (K, Na, Ca, Mg), Conductivity, pH                              | 21 02  | 2011          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Natural mineral               | Common parameters | Anions (HCO3), Total Hardness                                                                    | 21 03  | 2012          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       | Common parameters | Anions (NO2) Cations (NH4)                                                                       | 21 04  | 2013          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       | Common parameters | Anions (SR Phosphorus)                                                                           | 21 05  | 2014          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       |                   |                                                                                                  | 21 06  | 2015          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Natural mineral               | Common parameters | SAR, SSP                                                                                         | 21 07  | 2016          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       |                   |                                                                                                  | 21 08  | 2017          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | Natural mineral               | Common parameters | TDS, Br                                                                                          | 21 09  | 2018          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | surface water                 | Common parameters | total N2, total P                                                                                | 21 10  | 2019          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       | Common parameters | Cr(VI)                                                                                           | 21 11  | 2020          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       |                   |                                                                                                  | 21 12  | 2021          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       | Common parameters | CN, TOC                                                                                          | 21 13  | 2022          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | surface water                 | Common parameters | TOC                                                                                              | 21 14  | 2022          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                   | potable                       |                   |                                                                                                  | 21 15  | 2023          |

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|       |                              |                     | potable               |                            |                                                                                                                                             | 21 16  | 2023          |
|       |                              |                     | surface water         |                            |                                                                                                                                             | 21 17  | 2024          |
|       |                              |                     | potable               |                            |                                                                                                                                             | 21 18  | 2025          |
|       |                              |                     | potable               |                            |                                                                                                                                             | 21 19  | 2026          |
|       |                              |                     | surface water         |                            |                                                                                                                                             | 21 20  | 2026          |
| 22 0X | Environmental & Food testing | water               | Potable               | metals                     | Al, As, Cd, Cr, Cu, Fe, Mn, Ni, Pb, Sb                                                                                                      | 22 01  | 2011          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 02  | 2012          |
|       |                              |                     | Surface               | metals                     | Co, Mo, Se, Sn                                                                                                                              | 22 03  | 2013          |
|       |                              |                     | Potable               | metals                     | B, Zn                                                                                                                                       | 22 04  | 2014          |
|       |                              |                     | Surface               |                            |                                                                                                                                             | 22 05  | 2015          |
|       |                              |                     | Surface               | metals                     | Hg                                                                                                                                          | 22 06  | 2016          |
|       |                              |                     | Surface               | metals                     | Sr, Sb                                                                                                                                      | 22 07  | 2017          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 08  | 2018          |
|       |                              |                     | Surface               | metals                     | Ag, Ba                                                                                                                                      | 22 09  | 2019          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 10  | 2020          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 11  | 2021          |
|       |                              |                     | Potable               |                            | Be, Li, Si, Ti, U, V                                                                                                                        | 22 12  | 2022          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 13  | 2023          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 14  | 2024          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 15  | 2025          |
|       |                              |                     | Potable               |                            |                                                                                                                                             | 22 16  | 2026          |
| 23 0X | Food testing                 | water               | potable               | PAHs                       | Benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene                                                          | 23 01  | 2011          |
|       |                              |                     | potable               |                            |                                                                                                                                             | 23 02  | 2012          |
|       |                              | Water & oil         | Sunflower oil         | PAHs                       | Benzo[b]fluoranthene, benzo[a]pyrene, benzo[a]anthracene, chrysene,                                                                         | 23 03  | 2014          |
|       |                              |                     | potable/sunflower oil |                            |                                                                                                                                             | 23 04  | 2016          |
| 24 0X | Environmental testing        | waste               | Waste water           | Common parameters          | COD, TDS, pH                                                                                                                                | 24 01  | 2012          |
|       |                              |                     |                       | Heavy metals               | As, Cd, Cr, Cu, Mn, Ni, Pb, Cr(VI)                                                                                                          |        |               |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 02  | 2013          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 03  | 2014          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 04  | 2015          |
|       |                              |                     | Waste water           | Heavy metals               | Al, Co, Hg                                                                                                                                  | 24 05  | 2016          |
|       |                              |                     | Waste water           | Common parameters          | BOD, TSS                                                                                                                                    | 24 06  | 2017          |
|       |                              |                     | Waste water           | Heavy metals               | Fe, Zn                                                                                                                                      | 24 07  | 2018          |
|       |                              |                     | Waste water           | Common parameters/ metals  | N2, P, Se                                                                                                                                   | 24 08  | 2019          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 09  | 2020          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 10  | 2021          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 11  | 2022          |
|       |                              |                     | Waste water           |                            | TOC                                                                                                                                         | 24 12  | 2023          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 13  | 2024          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 14  | 2025          |
|       |                              |                     | Waste water           |                            |                                                                                                                                             | 24 15  | 2026          |
| 25 0X | Environmental –Food          | water               | Mineral water         | Microbiological parameters | <i>Enterococcus faecalis</i> , <i>E.coli</i>                                                                                                | 25 01  | 2014          |
|       |                              |                     | Potable water         | Microbiological parameters | <i>Enterococci</i> , <i>E.coli</i> , Total coliforms, Colony counts 22/36°C, <i>Pseudomonas aeruginosa</i> , <i>Clostridium Perfringens</i> | 25 02  | 2016          |
|       |                              |                     | Potable water         |                            |                                                                                                                                             | 25 03  | 2018          |
|       |                              |                     | Potable water         | Microbiological parameters | <i>Legionella spp</i>                                                                                                                       | 25 04  | 2020          |
|       |                              |                     | Potable water         |                            |                                                                                                                                             | 25 05  | 2021          |
|       |                              |                     | Potable water         |                            |                                                                                                                                             | 25 06  | 2023          |
|       |                              |                     | Potable water         |                            |                                                                                                                                             | 25 07  | 2025          |
| 30 0X | Chemical testing             | Industrial products | Ceramics              | Heavy metals release       | Cd, Pb                                                                                                                                      | 30 01  | 2010          |
|       |                              |                     | Ceramics              |                            |                                                                                                                                             | 30 02  | 2011          |
|       |                              |                     | Ceramics              |                            |                                                                                                                                             | 30 03  | 2012          |
|       |                              |                     | Ceramics              |                            |                                                                                                                                             | 30 04  | 2013          |
|       |                              |                     | Ceramics              |                            |                                                                                                                                             | 30 05  | 2014          |
|       |                              |                     | Ceramics              |                            |                                                                                                                                             | 30 06  | 2015-6        |

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|-------|------------------------|-------------------|--------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------|---------------|
|       |                        |                   | Ceramics                 |                              | Al                                                                                                                               | 30 07  | 2016          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 08  | 2017          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 09  | 2018          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 10  | 2019          |
|       |                        |                   | Ceramics                 |                              | Co, Zn                                                                                                                           | 30 11  | 2020          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 12  | 2021          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 13  | 2022          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 14  | 2023          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 15  | 2024          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 16  | 2025          |
|       |                        |                   | Ceramics                 |                              |                                                                                                                                  | 30 17  | 2026          |
| 40 0X | Food testing           | Food & feed       | Raisins (slurry)         | mycotoxins                   | OTA                                                                                                                              | 40 01  | 2011          |
|       |                        | Food              | nuts                     | mycotoxins                   | B1, G1                                                                                                                           | 40 02  | 2012          |
|       |                        | Food              | Milk powder              | mycotoxins                   | M1                                                                                                                               | 40 03  | 2014          |
|       |                        | Feed              | Animal feed (cereal)     | mycotoxins                   | B1,B2, G1, G2, OTA                                                                                                               | 40 04  | 2016          |
| 60 0X |                        | Food              | milk                     | mycotoxins                   | aflatoxin M1                                                                                                                     | 60 05  | 2017          |
| 62 0X |                        | fishery           | tuna                     | toxins                       | histamine                                                                                                                        | 62 05  | 2017          |
| 80 0X |                        | Food              | dried fig slurry         | mycotoxins                   | aflatoxin B1, B2, G1, G2, total aflatoxin                                                                                        | 80 05  | 2018          |
|       |                        |                   |                          | additives                    | sulfites                                                                                                                         |        |               |
| 40 0X |                        | Food              | fruit juice              | mycotoxins                   | OTA                                                                                                                              | 40 05  | 2019          |
|       |                        |                   |                          | Common parameters            | sugars, acidity, brix, pH                                                                                                        |        |               |
|       |                        | Food              | pistachios               | mycotoxins                   | aflatoxins B1, B2, G1, G2                                                                                                        | 40 06  | 2021          |
| 60 0X |                        | Food              | milk                     | contaminants                 | melamine                                                                                                                         | 60 07  | 2022          |
| 40 0X |                        | food              | raisins                  | mycotoxins                   |                                                                                                                                  | 40 07  | 2023          |
| 40 0X |                        | food              | cereals                  | mycotoxins, acrylamide       |                                                                                                                                  | 40 08  | 2025          |
| 50 0X | Fuel testing           | fuel              | Heating oil              | Common parameters            | Density, Flash point, CFPP, Kinematic viscosity, Pour Point, Cetane index                                                        | 50 02  | 2012          |
|       |                        |                   |                          | Distillation characteristics | IBP, 10%, 50%, 90%, 95%, vol 250°C, vol 350°C, % residue                                                                         |        |               |
|       |                        |                   |                          | Analytes                     | Sulfur, Solvent yellow 124                                                                                                       |        |               |
|       |                        |                   | Bunkering oil            | Common parameters            | Density, Flash point, Kinematic viscosity, Pour Point, Cetane index                                                              | 50 03  | 2013          |
|       |                        |                   |                          | Distillation characteristics | 10%, 50%, 90%                                                                                                                    |        |               |
|       |                        |                   |                          | Analytes                     | Carbon residue, Sulfur, quinizarin                                                                                               |        |               |
|       |                        |                   | Automotive diesel        | Common parameters            | Density, Flash point, CFPP, Kinematic viscosity                                                                                  | 50 04  | 2014          |
|       |                        |                   |                          | Distillation characteristics | 10%, 50%, 90%, 95%, vol 250°C, vol 350°C, % residue                                                                              |        |               |
|       |                        |                   |                          | Analytes                     | Sulfur, FAMES, water                                                                                                             |        |               |
|       |                        |                   | Automotive diesel        | Distillation characteristics | IBP                                                                                                                              | 50 05  | 2015          |
|       |                        |                   | Unleaded gasoline        | Common parameters            | Density, DVPE                                                                                                                    | 50 06  | 2016          |
|       |                        |                   |                          | Distillation characteristics | IBP, 10% evaporated, 50% evaporated, 90% evaporated, 95% evaporated, FBP, vol 70°C, vol 100°C, vol 150°C, % distillation residue |        |               |
|       |                        |                   |                          | Analytes                     | Sulfur, benzene, aromatics, olefins, quinizarin                                                                                  |        |               |
|       |                        |                   | Automotive diesel        | Common parameters            | pour point, cloud point, cetane index                                                                                            | 50 07  | 2017          |
|       |                        |                   |                          | Distillation characteristics | FBP                                                                                                                              |        |               |
|       |                        |                   |                          | Analytes                     | carbon residue on 10% distillation residue                                                                                       |        |               |
|       |                        |                   | Unleaded gasoline        | Common parameters            | copper strip corrosion, oxygen content, RON                                                                                      | 50 08  | 2018          |
|       |                        |                   | residual marine fuel oil | Common parameters            | density, viscosity, CCAI,sulfur, flash point, TAN, % residue, pour point, water, ash, total sediment-aged, metals                | 50 09  | 2018          |
|       |                        |                   |                          | Analytes                     | carbon residue                                                                                                                   |        |               |
|       |                        |                   | diesel                   | Common parameters            | acid number, ash, copper strip corrosion, lubricity (HFRR)                                                                       | 50 10  | 2019          |
|       |                        |                   | marine oil               | Common parameters            | acid number, water, ash, cloud point                                                                                             | 50 11  | 2019          |
|       |                        |                   | diesel                   |                              |                                                                                                                                  | 50 12  | 2020          |
|       |                        |                   | residual marine fuel oil | Common parameters            | specific energy                                                                                                                  | 50 13  | 2020          |
|       |                        |                   | Unleaded gasoline        | Common parameters            | ASVP                                                                                                                             | 50 14  | 2021          |
|       |                        |                   | diesel                   |                              |                                                                                                                                  | 50 15  | 2021          |
|       |                        |                   | marine oil               | Common parameters            |                                                                                                                                  | 50 16  | 2022          |
|       |                        |                   | diesel                   |                              |                                                                                                                                  | 50 17  | 2022          |
|       |                        |                   | automotive gasoline      |                              |                                                                                                                                  | 50 18  | 2023          |
|       |                        |                   | diesel                   | Common parameters,           | calorific value                                                                                                                  | 50 19  | 2023          |
|       |                        |                   |                          | Elemental analysis           | C, H, N                                                                                                                          |        |               |
|       |                        |                   | marine oil               | Elemental analysis           | Stabinger viscosity, C, H, N                                                                                                     | 50 20  | 2024          |
|       |                        |                   | diesel                   |                              |                                                                                                                                  | 50 21  | 2024          |

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|       |                        |                   | gasoil                                  | markers                        | butoxybenzene (Accutrace Plus), 1,3,5-triisopropyl-benzene (Tracerco FT39)                                                                     | 50 22  | 2025          |
|       |                        |                   | diesel                                  |                                |                                                                                                                                                | 50 23  | 2025          |
|       |                        |                   | diesel                                  |                                |                                                                                                                                                | 50 24  | 2026          |
|       |                        |                   | distillate marine fuel oil              |                                | Tracerco (FT36)*                                                                                                                               | 50 25  | 2026          |
| 51 0X | Fuel testing           | Solid fuel        | Russian coal                            | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 02  | 2013          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | lignite                                 | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 03  | 2014          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | Steam coal                              | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 04  | 2014          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | Ukrainian High volatile Bituminous coal | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 05  | 2015          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | Brown coal                              | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 06  | 2016          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | Steam coal                              |                                |                                                                                                                                                | 51 07  | 2016          |
|       |                        |                   | lignite                                 |                                |                                                                                                                                                | 51 08  | 2017          |
|       |                        |                   | Russian bituminous coal                 |                                |                                                                                                                                                | 51 09  | 2017          |
|       |                        |                   | pet coke                                | Common parameters              | Moisture, ash, Gross calorific, Net calorific, Volatile matter                                                                                 | 51 10  | 2018          |
|       |                        |                   |                                         | Elemental analysis             | C, H, N, S                                                                                                                                     |        |               |
|       |                        |                   | brown coal                              |                                |                                                                                                                                                | 51 11  | 2018          |
|       |                        |                   | steam coal                              |                                |                                                                                                                                                | 51 12  | 2019          |
|       |                        |                   | bituminous coal                         |                                |                                                                                                                                                | 51 13  | 2019          |
|       |                        |                   | Steam coal                              |                                |                                                                                                                                                | 51 14  | 2020          |
|       |                        |                   | brown coal                              |                                |                                                                                                                                                | 51 15  | 2020          |
|       |                        |                   | bituminous coal                         |                                |                                                                                                                                                | 51 16  | 2021          |
|       |                        |                   | RDF                                     |                                |                                                                                                                                                | 51 17  | 2021          |
|       |                        |                   | brown coal                              |                                |                                                                                                                                                | 51 18  | 2022          |
|       |                        |                   | RDF                                     |                                | chlorine, fluorine, metals                                                                                                                     | 51 19  | 2022          |
|       |                        |                   | bituminous coal                         |                                |                                                                                                                                                | 51 20  | 2023          |
|       |                        |                   | RDF                                     |                                |                                                                                                                                                | 51 21  | 2023          |
|       |                        |                   | hard coal                               |                                |                                                                                                                                                | 51 22  | 2024          |
|       |                        |                   | lignite                                 |                                |                                                                                                                                                | 51 23  | 2025          |
|       |                        |                   | RDF                                     |                                |                                                                                                                                                | 51 24  | 2025          |
|       |                        |                   | lignite                                 |                                |                                                                                                                                                | 51 25  | 2026          |
| 52 0X | Lubricant testing      | lubricants        | engine lubricants                       | Common parameters              | density, TAN, TBN, flash point PMCC & COC, kinematic viscosity, viscosity index, apparent viscosity, pour point, colour, sulfur, water, metals | 52 01  | 2018          |
|       |                        |                   | engine lubricants                       |                                |                                                                                                                                                | 52 02  | 2020          |
|       |                        |                   | engine lubricants                       |                                |                                                                                                                                                | 52 03  | 2024          |
|       |                        |                   | engine lubricants                       |                                | stabinger viscosity *                                                                                                                          | 52 04  | 2026          |
| 55 0X | Tobacco testing        | tobacco           | cigarettes                              | common parameters              | CO, nicotine, water, TPM in cigarette smoke                                                                                                    | 55 01  | 2017          |
|       |                        |                   | e-liquid                                | common parameters              | nicotine                                                                                                                                       | 55 02  | 2021          |
| 60 0X | Food Testing           | dairy             | cheese                                  | Common parameters              | Fat, proteins, Total Solids                                                                                                                    | 60 01  | 2012          |
|       |                        |                   | cheese                                  | Common parameters              | pH                                                                                                                                             | 60 02  | 2014          |
|       |                        |                   | milk                                    | other parameters               | detection of adulteration                                                                                                                      |        |               |
|       |                        |                   | yogurt                                  | Common parameters              | Fat, proteins, Total Solids, pH, Ash,                                                                                                          | 60 03  | 2015          |
|       |                        |                   |                                         | Common parameters              | Carbohydrates, Calorific value                                                                                                                 |        |               |
|       |                        |                   | grated cheese                           |                                |                                                                                                                                                | 60 04  | 2016          |
|       |                        |                   | milk                                    | Common parameters              | fat, protein, total solids, total sugars, pH                                                                                                   | 60 05  | 2017          |
|       |                        |                   |                                         | mycotoxin                      | aflatoxin M1                                                                                                                                   |        |               |
|       |                        |                   | cheese                                  | Common parameters              | detection of adulteration, moisture, sugars, ash, calorific value, Ca, salt                                                                    | 60 06  | 2020          |
|       |                        |                   | milk                                    | other parameters               | melamine                                                                                                                                       | 60 07  | 2022          |
|       |                        |                   | cheese                                  |                                |                                                                                                                                                | 60 08  | 2024          |
|       |                        |                   | cheese                                  |                                |                                                                                                                                                | 60 09  | 2026          |
| 62 0X | Food testing           | herbs             | Tea-leaves                              | Heavy metals/common parameters | As, Cd, Cr, Cu, Ni, Pb, Cr (VI)                                                                                                                | 62 01  | 2013          |

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| code  | Technical Field / Area | Test item level 1  | Test item level 2    | Property 1                     | Property 2                                                                   | SCHEME | Introduced in |
|-------|------------------------|--------------------|----------------------|--------------------------------|------------------------------------------------------------------------------|--------|---------------|
|       |                        | Fruits, vegetables | potato               | Heavy metals/common parameters | Cr, Cr (VI)                                                                  |        |               |
|       |                        | dairy              | Milk powder          | Heavy metals                   | As, Cd, Cr, Cu, Ni, Pb                                                       | 62 02  | 2014          |
|       |                        | drink              | wine                 | Heavy metals                   | As, Cd, Cu, Fe, Pb, Zn                                                       | 62 03  | 2015          |
|       |                        | fishery            | tuna                 | Heavy metals                   | Cd, Hg, Pb, Sn                                                               | 62 04  | 2015          |
|       |                        | fishery            | tuna                 | Heavy metals                   | As, Co, Cr, Cu, Mn, Ni, Zn                                                   | 62 05  | 2017          |
|       |                        |                    |                      | toxins                         | histamine                                                                    |        |               |
|       |                        | vegetables         | soya bean powder     | Heavy metals                   | Co, Cr, Cu, Mn, Mo, Ni, Zn                                                   | 62 06  | 2018          |
|       |                        |                    |                      | common parameters              | fat, protein, sugars, dietary fibres                                         |        |               |
| 64 0X |                        | cereals            | corn snacks          | common parameters              | fat, protein, moisture, ash, carbohydrates, dietary fibres, salt, acrylamide | 64 01  | 2019          |
|       |                        | Bakery products    |                      |                                |                                                                              | 64 02  | 2026          |
| 62 0X |                        | cocoa products     | cocoa                | metals                         | Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Zn                                | 62 07  | 2019          |
|       |                        | fishery            | tuna                 | metals                         | Fe, Se                                                                       | 62 08  | 2020          |
|       |                        | cereals/dairy      | infant formula       | metals/nutrients               | Al, Cd, Cr, Cu, Fe, Mn, Mo, Ni, Se, Zn/ Ca, K, Mg, Na, Cl, I, P              | 62 09  | 2021          |
|       |                        |                    |                      | common parameters              | fat, sugars, protein, fibres, ash, moisture, energy                          |        |               |
|       |                        |                    |                      | other parameters               | acrylamide                                                                   |        |               |
|       |                        | ready meal         | baby food            | metals/nutrients               | Al, Cd, Cr, Cu, Fe, Mn, Mo, Ni, Se, Zn/ Ca, K, Mg, Na, Cl, I, P              | 62 10  | 2022          |
|       |                        |                    |                      | common parameters              | fat, sugars, protein, fibres, ash, moisture, energy                          |        |               |
|       |                        |                    |                      | other parameters               | acrylamide                                                                   |        |               |
|       |                        | ready meal         | tomato paste         | metals                         | Sb, Sn                                                                       | 62 11  | 2023          |
|       |                        |                    |                      | illegal dyes                   | sudan                                                                        |        |               |
|       |                        | seeds & fruits     | coffee*              | contaminants                   | elements, acrylamide                                                         | 62 12  | 2024          |
|       |                        | died fruit         | apricot              | contaminants, allergens        | elements, sulfite, proximates                                                | 62 13  | 2025          |
|       |                        | fishery            |                      | contaminants                   |                                                                              | 62 14  | 2026          |
| 63 0X | Food Testing           | water              | potable              | Pesticide residues             | π.χ. Alachlor, atrazine, chlorpyrifos                                        | 63 01  | 2013          |
|       |                        | cereals            | Wheat flour          | Pesticide residues             | π.χ. Alachlor, atrazine, chlorpyrifos                                        | 63 02  | 2014          |
|       |                        |                    |                      | Other parameters               | acrylamide                                                                   |        |               |
|       |                        | drink              | Orange juice         | Pesticide residues             | π.χ. Alachlor, atrazine, chlorpyrifos                                        | 63 03  | 2015          |
|       |                        | vegetables         | Tomato puree         | Pesticide residues             | π.χ. Alachlor, atrazine, chlorpyrifos                                        | 63 04  | 2016          |
|       |                        | fruits             | πουρές αχλάδι        | Pesticide residues             | e.g. boscalid, chlorpyrifos                                                  | 63 05  | 2017          |
|       |                        | coffee             | pear puree           | Other parameters               | acrylamide                                                                   |        |               |
| 64 0X | Food testing           | cereals            | instant coffee       | Other parameters               | acrylamide                                                                   | 64 01  | 2019          |
| 62 0X |                        | cereals/dairy      | corn snacks          | Other parameters               | acrylamide                                                                   | 62 09  | 2021          |
| 63 0X |                        | seeds & fruits     | chilli powder*       | Pesticide residues             | π.χ. Alachlor, atrazine, chlorpyrifos                                        | 63 06  | 2023          |
| 70 0X | Food testing           | honey              | honey                | Common parameters              | Moisture, conductivity, HMF,                                                 | 70 01  | 2012          |
|       |                        |                    |                      | Common parameters              | Diastase activity                                                            |        |               |
|       |                        |                    |                      | sugars                         | Fructose, Glucose, Sucrose, Maltose                                          |        |               |
|       |                        |                    |                      | Pollen count                   | Thyme Pollen                                                                 |        |               |
|       |                        |                    | honey                |                                |                                                                              | 70 02  | 2013          |
|       |                        |                    | honey                |                                |                                                                              | 70 03  | 2014          |
|       |                        |                    | honey                |                                |                                                                              | 70 04  | 2015          |
|       |                        |                    | honey                |                                |                                                                              | 70 05  | 2016          |
|       |                        |                    | honey                |                                |                                                                              | 70 06  | 2017          |
|       |                        |                    | honey                |                                |                                                                              | 70 07  | 2018          |
|       |                        |                    | honey                |                                |                                                                              | 70 08  | 2019          |
|       |                        |                    | honey                |                                |                                                                              | 70 09  | 2020          |
|       |                        |                    | honey                | other parameters               | pH, acidity, non soluble matter, colour                                      | 70 10  | 2021          |
|       |                        |                    | honey                | other parameters               | proline                                                                      | 70 11  | 2022          |
|       |                        |                    | honey                |                                |                                                                              | 70 12  | 2023          |
|       |                        |                    | honey                |                                |                                                                              | 70 13  | 2024          |
|       |                        |                    | honey                |                                |                                                                              | 70 14  | 2025          |
|       |                        |                    | honey                |                                | pollen & honeydew analysis *                                                 | 70 15  | 2026          |
| 80 0X | Food Testing           | Drinks             | Soft drinks          | preservatives                  | Benzoic acid, Sorbic Acid                                                    | 80 01  | 2012          |
|       |                        | Drinks             | wine                 | preservatives                  | Benzoic acid, Sorbic Acid                                                    | 80 02  | 2013          |
|       |                        | Drinks             | Soft drink           | Preservatives/colourants       | E110, E124                                                                   | 80 03  | 2015          |
|       |                        | sweets             | chocolate syrup      | preservatives                  | Benzoic acid, Sorbic Acid                                                    | 80 04  | 2017          |
|       |                        | dried fruits       | milled dried apricot | preservatives                  | SO2                                                                          | 80 05  | 2018          |
|       |                        |                    |                      | common parameters              | sugars, total dietary fibre, energy                                          |        |               |
|       |                        |                    | dried fig slurry     | mycotoxins                     | aflatoxin B1, B2, G1, G2, total aflatoxins                                   |        |               |
|       |                        | Bakery products    | bread                | preservatives                  | sorbic acid, propionic acid                                                  | 80 06  | 2019          |

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|-------|-------------------------|-------------------|------------------------------------------|--------------------------|------------------------------------------------|--------|---------------|
|       |                         | Bakery products   | bisquits                                 | other paramaters         | coumarin                                       | 80 07  | 2022          |
|       |                         | Drinks            | non alcoholic drinks                     | Preservatives/colourants | Ε129, καφεΐνη, ακετοσουλφάμη Κ, κυκλαμικά      | 80 08  | 2023          |
|       |                         | Bakery products   | tortillas                                | preservatives            | sorbic acid, propionic acid                    | 80 09  | 2025          |
| 81 0X | feed                    | cattle feed       | flour of vegetable origin                | common parameters        | moisture, ash, fat, protein, crude fibre       | 81 01  | 2016          |
|       |                         |                   |                                          | heavy metals             | Fe, Mn, Zn                                     |        |               |
|       |                         |                   | flour of vegetable origin                | heavy metals             | Cu, Ca, K, Na, P, Mg                           | 81 02  | 2021          |
|       |                         |                   | flour of vegetable origin                |                          |                                                | 81 03  | 2024          |
| 90 0X | Food testing            | Fat-oil           | Olive oil                                | Common parameters        | Peroxide value, acidity, K232, K270            | 90 01  | 2012          |
|       |                         |                   | Olive oil                                |                          | ΔK, fatty acids, trans                         | 90 02  | 2013          |
|       |                         |                   | Vegetable oil                            |                          | ΔECN42, waxes, moisture/volatiles, alkylesters | 90 03  | 2014          |
|       |                         |                   | Olive oil                                |                          | ethylesters, sterols/diols, stigmastadienes    | 90 04  | 2015          |
|       |                         |                   | Olive oil                                |                          | moisture (KF)                                  | 90 05  | 2016          |
|       |                         |                   | Olive oil                                |                          | biophenols                                     | 90 06  | 2017          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 07  | 2018          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 08  | 2019          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 09  | 2020          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 10  | 2021          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 11  | 2022          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 12  | 2023          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 13  | 2024          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 14  | 2025          |
|       |                         |                   | Vegetable oil                            |                          |                                                | 90 15  | 2026          |
| 91 0X | Organoleptic assessment | Virgin Olive oil  | extra virgin, virgin, lampante olive oil | Attributes perceived     | Fruity attribute, defects                      | 91 01  | 2014          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 02  | 2015          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 03  | 2016          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 04  | 2017          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 05  | 2018          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 06  | 2019          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 07  | 2020          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 08  | 2021          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 09  | 2022          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 10  | 2023          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 11  | 2024          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 12  | 2025          |
|       |                         |                   | extra virgin, virgin, lampante olive oil |                          |                                                | 91 13  | 2026          |
| 92 0X | Food testing            | Fat-oil           | Olive oil                                | Contaminants             | phthalate esters                               | 92 01  | 2016          |
|       |                         |                   | Olive oil                                |                          | phthalates, PAHs                               | 92 02  | 2017          |
|       |                         |                   | olive oil/vegetable oil                  |                          | 2&3 MCPD, glycidyl esters                      | 92 03  | 2019          |
|       |                         |                   | vegetable oil                            |                          |                                                | 92 04  | 2021          |
|       |                         |                   | vegetable oil                            |                          |                                                | 92 05  | 2023          |
|       |                         |                   | vegetable oil                            |                          |                                                | 92 06  | 2025          |