

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY  
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. **L104-2**

The Board of Governors  
of the Cyprus Organization for the Promotion of Quality  
acting as the authorized Cyprus Accreditation Body  
according to the Article 7 of the Law 156(I)/2002

**grants accreditation to the**

***VELTIA Labs for Life***  
in Nicosia

which has been assessed according to the Accreditation Criteria for Testing  
Laboratories as defined in the standard

***CYS EN ISO/IEC 17025:2017***

as **competent to perform the Methods** defined in the Scope of Accreditation referred  
to in the **Annex** of this certificate; the said Annex represents inextricable part of the  
certificate. The **Accreditation Scope** can only be modified after a decision of the  
Cyprus Accreditation Body.

**Cyprus Accreditation Body is a signatory to the European co-operation for  
Accreditation (EA) Multilateral Agreement (MLA) in the above-mentioned field.**

The current Accreditation Certificate, no. **L104** is issued on **the 2<sup>nd</sup> April 2026 and is  
valid until the 6<sup>th</sup> of December 2026.**

Accreditation was granted for the first time on the 7<sup>th</sup> of December 2018.

Dr Stephanie Cleridou  
Director

Date: **2<sup>nd</sup> April 2026**

*This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management System (ISO-ILAC-IAF Communiqué 04/2017)*



## Annex to the Accreditation Certificate no. L104

\* Valid from 16<sup>th</sup> February 2023 until 6<sup>th</sup> December 2026

\*\* Valid from 8<sup>th</sup> December 2023 until 6<sup>th</sup> December 2026

\*\*\*Valid from 10<sup>th</sup> April 2025 until 6<sup>th</sup> December 2026

\*\*\*\* Valid from 3<sup>rd</sup> February 2026 until 6<sup>th</sup> December 2026

+ New version valid from 16<sup>th</sup> February 2023 until 6<sup>th</sup> December 2026

Materials / Products	Type of testing / Countable properties	Methods / Techniques
<b>Chemical Testing</b>		
Olive Oil	Acidity	+COI/T.20/Doc. No 34/Rev. 1 2017
Fats and Oils	Extinction Coefficient K (at 270nm and 232nm) and the Parameter ΔK	+COI/T.20/ DOC .19 /Rev.5 2019
	Peroxide value	+COI/T20/DOC.35/ Rev.1 2017
Food  Feeding Products  <i>*** Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</i>	Fat Content	In house method based on AOAC 948.15, 920.39, 989.05, 905.02, 945.48, 932.06, 933.05, 938.06, 952.06, 920.111, ISO 1443:1979  In house method based on EU Reg. 152/2009 Soxhlet Extraction

<p>Food Feed and feed products</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Ash</p>	<p>In-house method based on AOAC 923.03, AOAC 930.22, AOAC 925.11, AOAC 923.03, AOAC 938.08, AOAC 920.117, AOAC 935.42, AOAC 945.46, AOAC 920.153, ISO 2171, AOAC 930.05, AOAC 925.510</p> <p>Based on EU Regulation 152/2009</p>
<p>Food Feed and feed products</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Moisture content</p>	<p>In house method based on AOAC 925.10, 926.97, 952.08, 920.116, 941.08, 948.12, 925.23, 920.115, 950.46, 930.05, 940.26, ISO 13580, ISO 712:2009, ISO 24557</p> <p>Based on EU Regulation 152/2009</p>

<p>Food</p> <p>Feed and feed products</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Total Nitrogen (Protein)</p>	<p>In-house method based on AOAC 991.20, 950.36, 920.87, ISO 1871:2009, Kjeldahl</p>
<p>Food</p> <p>Feed and feed products</p>	<p>Crude Fibers</p>	<p>Based on Weende Method</p>
<p>Food</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Determination of Dietary Fibers</p>	<p>Based on AOAC 985.29</p>

<p>Food</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Determination of Carbohydrates</p>	<p>Based on AOAC 986.25 (computational by difference)</p>
<p>Food</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Determination of Energy</p>	<p>By calculation based on EU regulation 1169/2011</p>
<p>Food</p> <p>***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>Determination of metals</p> <p>As, Cd, Cr, Co, Sn, Hg, Ni, Pb, Ca, TP, Mg, K, Na, Fe, Cu, Mn, Zn</p>	<p>Based on AOAC 2013.06, ICP-MS.</p>

<p>3 Water ***Η διαπίστευση αφορά διάφορες κατηγορίες δειγμάτων σε <b>ευέλικτο πεδίο διαπίστευσης</b> και περιγράφεται αναλυτικά στον <a href="#">αναλυτικό κατάλογο διαπιστευμένων δραστηριοτήτων</a> στην ιστοσελίδα του εργαστηρίου.</p>	<p>***Determination of metals Ca, Mg, K, Na, Fe, Cu, Mn, Zn, Al, Ba, P, Sr, Sn, B, Si, Ti, Hg, As, Pb, Cd, Ni, Co, Cr, V, Be, Se, Sb, Mo, Ti</p>	<p>Based on APHA<sup>1</sup> 3125 ICP-MS</p>
<p>Food</p>	<p>Total Sulphites</p>	<p>AOAC 990.28 Titration</p>
	<p>Sorbic and benzoic acid</p>	<p>Based on ISO 22855:2008 HPLC</p>
	<p>Salt expressed as NaCl</p>	<p>Calculated, Method based on European Legislation 1169/2011 and APHA<sup>1</sup> 3125 A, B ICP-MS &amp; Calculation</p>
	<p>Determination of Propionic Acid</p>	<p>Based on Beuth 17.00 14 HPLC</p>
	<p>Sugars</p>	<p>Based on AOAC 982.14 HPLC</p>
<p>Food and Olive oil</p>	<p>Determination of fatty acids Profile</p>	<p>Based on COI/T20/DOC.33 GC-FID</p>
<p>Fish and fish products</p>	<p>***Determination of TVBN (Total Volatile Basic Nitrogen)</p>	<p>In house method based on 2074/2005/EC</p>
<p>Meat and Meat products</p>	<p>Determination of Hydroxyproline (Collagen).</p>	<p>Based on ISO 3496:1994 UV</p>
	<p>Determination of Nitrates &amp; Nitrites (NO<sub>3</sub>&amp; NO<sub>2</sub>)</p>	<p>Based on EN ISO 12014-2 HPLC UV</p>
<p>Fruits and fruit products, Vegetables and vegetable products</p>	<p>Determination of nitrates.</p>	<p>Based on EN ISO 12014-2 HPLC UV</p>
<p>Fruit and vegetables</p>	<p>Determination of dithiocarbamate residues (Mancozeb, Maneb, Propineb, Thiram, Methiram, Zineb, Ziram).</p>	<p>Based on the «Analysis of Dithiocarbamate residues in foods of plant origin involving cleavage into Carbon Disulfide, partitioning into Isooctane and determinative analysis», CRL for Residues of Pesticides GC-MS</p>

Fruit and Vegetables	**** Determination of 5 pesticide residues (Single residue method) – Chlorate Perchlorate Ethephon Phosphonic acid Fosetyl-Al	EURL-SRM, Quick Method for the Analysis of Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC- or IC-MS/MS Measurement (QuPPE-Method) Version 12.3 (30.12.2024)  LC-MS/MS
Fruit and vegetables (High water content)	Determination of pesticide residues  2,5-Hydroxythiabendazole Acetamiprid Albendazole Ametoctradin Ametryn Amicarbazone Amidosulfuron Ancymidol Anilofos Aspon Atrazine Atrazine-desethyl Atrazine-desisopropyl Azaconazole Azamethiphos Azoxystrobin BAC-C12 BAC-C14 BAC-C18 Benazolin-ethyl ester Benodanil Benoxacor Bensulfuron methyl Benthiavali carb-isopropyl Benzovindiflupyr Bixafen Boscalid Bromacil Bromfeninfos Bromuconazole (sum of diastereoisomers) BTS 44595 (Prochloraz metabolite) BTS 44596 (Prochloraz metabolite) Bupirimate Buprofezin Butralin Buturon Butylate Cadusafos Cambendazole Carbendazim Carbufuran Carbofuran-3-keto	Based on EN 15662:2008 LC-MS/MS

<p>Fruit and vegetables (High water content) cont/ed</p>	<p>Carbofuran-3-hydroxy  Carfentrazone Ethyl  Carpropamide  Chlorantraniliprole  Chlorfenvinphos  Chlorfluazuron  Chloridazon  Chlorobenzuron  Chloroxuron  Chlorpropham  Chlorpyriphos ethyl  Chlorsulfuron  Chlorthion  Chlortoluron  Clethodim  Clofentezine  Clomazone  Cloquintocet-mexyl  Clothianidin  Coumaphos  Crimidine  Crufomate  Cyanazine  Cyantraniliprole  Cyazofamid  Cycloate  Cycluron  Cyflufenamid  Cyflumetofen  Cyprazin  Cyproconazole  Cyprodinil  Cythioate  DDAC-C8  DDAC-C10  DDAC-C12  DEET (N-N-Diethyi-m-toluamid)  Demeton-S-Methyl  Demeton-S-Methyl sulfone  Desmedipham  Desmethyl-formamido-pirimicarb  Desmetryn  Diazinon  Dichlorobenzamide  Diclosulam  Dicrotophos  Difenoconazole  Difenoaxuron  Diflubenzuron  Diflufenican  Dimefox  Dimefuron  DMSA (metabolite dichlofluanid)  Dimethachlor  Dimethenamid</p>	
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<p>Fruit and vegetables (High water content)</p> <p>cont/ed</p>	<p>Dimethoate  Dimethomorph  Dimethylvinphos  Dimoxystrobin  Diniconazol (sum of isomers)  Dinotefuran  Diphenamid  Dipropetryn  Disulfoton  Disulfoton sulfone  Disulfoton sulfoxide  Dithiopyr  Diuron  (2,4-dimethylphenyl formamide )  DMPF  Dodine  Edifenphos  Epoconazole  Etaconazole  Ethiofencarb-sulfone  Ethiprole  Ethofumesate  Ethoprophos  Etobenzanid  Etofenprox  Etoxazole  Etrimfos  Famphur  Fenamidone  Fenamiphos sulfone  Fenamiphos sulfoxide  Fenazaquin  Fenbuconazole  Fenchlorophos-oxon  Fenclorazol ethyl  Fenhexamid  Fenobucarb  Fenoxycarb  Fenpicoxamid  Fenpropidin  Fenpyrarazamine  Fenpyroximate  Fensulfothion  Fensulfothion-oxon  Fensulfothio-oxon-sulfone  Fenthion  Fenthion oxon  Fenthion sulfoxide  Fenuron  Flonicamid  Fluazifop butyl  Fluazuron  Flufenacet  Flufenoxuron  Fluometuron</p>	
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<p>Fruit and vegetables (High water content)</p> <p>cont/ed</p>	<p>Fluopicolide Fluopyram Fluoxastrobin Flupyradiferron Fluquinconazole Fluridone Flurochloridone Fluroxypyr Fluroxypyr-1-methylheptylester Flurprimidole Flurtamone Flusilazole Fluthiacet-methyl Flutolanil Flutriafol Fluxapyroxad Fonofos Forchlorfenuron Fosthiazate Furalaxyl Furathiocarb Furmecyclox Griseofulvin Halauxifen Heptenophos Hexaconazole Hexazinone Hexythiazox Imazalil Imazamethabenz Methyl Imazethapyr Imibenconazole Imidacloprid Inabenfide Indaziflam Indoxacarb (sum of indoxacarb and its R enantiomer) Iodofenphos Iprovalicarb (sum of isomers) Isazofos Isfenphos methyl Isfentamid Isopropalin Isoproturon Isopyrazam Isoxaben Isoxathion Karanjin Lenacil Linuron Malaixon Mandipropamid Matrine Mecarbam Mefenacet</p>	
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<p>Fruit and vegetables (High water content)</p> <p>cont/ed</p>	<p>Mefentrifluconazole  Mefluidide  Mepanipyrim  Mephospholan  Mepronil  Metalaxyl-M  Metamitron  Metconazole (sum of isomers)  Methabenzthiazuron  Methamidophos  Methiocarb sulfoxide  Methiocarb sulfone  Methoprotryne  Methoxyfenozide  Metobromuron  Metolachlor  Metoxuron  Metrafenone  Metribuzin  Metsulfuron methyl  Molinate  Monocrotophos  Monolinuron  Monuron  Myclobutanil  Naphthalene acetamide  Napropamide  Nitenpyram  Norflurazon  N-Phenylurea  Nuaimol  Ofurace  Omethoate  Oxamyl oxime  Oxathiapiprolin  Oxfendazole  Oxycarboxin  Paclobutrazole  Paraoxon  Paraoxon methyl  Penconazole  Pencycuron  Penflufen  Penoxsulam  Penthiopyrad  Pethoxamid  Phorate sulfoxide  Phosalone  Phosmet oxon  Picolinafen  Picoxystrobin  Piperonyl butoxide  Piperophos  Pirimicarb  Pirimiphos ethyl</p>	
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<p>Fruit and vegetables (High water content)  cont/ed</p>	<p>Pirimiphos methyl Pretilachlor Prochloraz Profenofos Profoxydim (sum of isomers) Promecarb Prometryn Propachlor Propamocarb Propazine Propiconazole (sum of isomers) Propyzamide Proquinazid Prosulfocarb Prosulfuron Prothioconazole Prothioconazole-desthio (sum of isomers) Pyracarbolid Pyraclostrobin Pyraflufen ethyl Pyrazophos Pyributicarb Pyridaben Pyridaphenthion Pyrifluquinazon Pirimethanil Pyrimidifen Pyriminobac methyl Pyriofenone Pyriproxyfen Pyroquilon Quinalphos Quinoxiphen Quizalofop ethyl Rabenzazole Rotenone Sedaxane Siduron(sum of isomers) Silthiofam Simazine Simetryn Spinosad (spinosad sum of spinosyn A and spinosyn D) Spinosyn A Spinosyn D Spirodiclofen Spirotetramate Spirotetramate-keto-hydroxy Spirotetramate-mono-hydroxy Spiroxamine (sum of isomers) Sulfotep Tebuconazole Tebufenpyrad Tebupirimphos</p>	
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<p>Fruit and vegetables (High water content)</p> <p>cont/ed</p>	<p>Tebuthiuron Temephos Terbacil Tetrachlorvinphos Tetraconazole Tetraethylpyrophosphate TFNG (metabolite flonicamid) Thiabendazole Thiacloprid Thiamethoxam Thiazafluron Thiazopyr Thidiazuron Thiometon sulfone Thiometon sulfoxide Thiophanate methyl Thiophanate ethyl Tolfenpyrad Triadimefon Triadimenol Triasulfuron Tribufos (s, s, s-tributyl- phosphorotrithioate) Tricyclazole Trifloxystrobin Triflumizol Triflumizol Metabolite FM-6-1 Triflumuron Triticonazole Uniconazole Valifenalate Vamidothion Vamidothion sulfone Vegadex Vernolate Warfarin Zoxamide</p> <p>**Azimsulfuron **Bentazone **Bispyribac **Clodinafop **Diclofop **Diethofencarb **Dithianon **Ethiofencarb **Ethiofencarb-sulfoxide **Fenbutatin Oxide **Fipronil **Fluazifop-p **Flufenacet ESA **Flufenacet OA **Flumioxazin **Fomesafen</p>	
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<p>Fruit and vegetables (High water content)</p> <p>cont/ed</p>	<ul style="list-style-type: none"> <li>**Formetanate</li> <li>**Fuberidazole</li> <li>**Halofenozide</li> <li>**Halosulfuron methyl</li> <li>**Haloxypop</li> <li>**Icaridin</li> <li>** Imazamox</li> <li>**Imazaquin</li> <li>**Iodosulfuron methyl</li> <li>**Lufenuron</li> <li>**N,N-Dimethyl-N'-p-tolylsulphamide (DMST)</li> <li>**Nicosulfuron</li> <li>**Phoxim</li> <li>**Pinoxaden</li> <li>**Rimsulfuron</li> <li>**Sethoxydim sulfone</li> <li>**Sethoxydim sulfoxide</li> <li>**Spinetoram J</li> <li>**Spinetoram L</li> <li>**Sulfosulfuron</li> <li>**Thiodicarb</li> <li>**Trichlorfon</li> <li>**Trimethacarb (2.3.5-)</li> <li>**Trinexapac-ethyl</li> </ul>	
<p>Legumes and Cereals</p> <p>(Low water content)</p>	<p>Determination of pesticide residues</p> <ul style="list-style-type: none"> <li>5-Hydroxythiabendazole</li> <li>Acetamiprid</li> <li>Albendazole</li> <li>Ametoctradin</li> <li>Ametryn</li> <li>Amicarbazone</li> <li>Amidosulfuron</li> <li>Ancymidol</li> <li>Anilofos</li> <li>Aspon</li> <li>Atrazine</li> <li>Atrazine-desethyl</li> <li>Atrazine-desisopropyl</li> <li>Azaconazole</li> <li>Azamethiphos</li> <li>Azoxystrobin</li> <li>BAC-C10</li> <li>BAC-C12</li> <li>BAC-C14</li> <li>Benazolin-ethyl ester</li> <li>Benodanil</li> <li>Benoxacor</li> <li>Bensulfuron methyl</li> <li>Benthiavalicarb-isopropyl</li> </ul>	<p>Based on EN 15662:2008 LC-MS/MS</p>

<p>Legumes and Cereals  (Low water content)  cont/ed</p>	<p>Benzovindiflupyr Bixafen Boscalid Bromacil Bromfeninfos Bromuconazole (sum of diastereoisomers) Prochloraz metabolite BTS 44595 Prochloraz metabolite BTS 44596 Bupirimate Buprofezin Butralin Buturon Butylate Cadusafos Cambendazole Carbendazim Carbofuran Carbofuran-3-keto Carbofuran-3-hydroxy Carfentrazone ethyl Carpropamid Chlorantraniliprole Chlorfenvinphos Chlorfluazuron Chloridazon Chlorobenzuron Chloroxuron Chlorpropham Chlorpyriphos ethyl Chlorsulfuron Chlorthion Chlortoluron Clethodim Clofentezine Clomazone Cloquintocet-mexyl Clothianidin Coumaphos Crimidine Crufomate Cyanazine Cyantraniliprole Cyazofamid Cycloate Cycluron Cyflufenamid Cyflumetofen Cyprazin Cyproconazole Cyprodinil Cythioate DDAC-C8 DDAC-C10 DDAC-C12</p>	
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<p>Legumes and Cereals  (Low water content)  cont/ed</p>	<p>Demeton-S-methyl Demeton-S-methyl sulfone Desmedipham Desmethyl-formamido-pirimicarb Desmetryn Diazinon Dichlorobenzamide Diclosulam Dicrotophos Difenoconazole Difenoxyuron Diflubenzuron Diflufenican Dimefox Dimefuron DMSA (metabolite dichlofluamid) Dimethachlor Dimethenamid Dimethoate Dimethomorph Dimethylvinphos Dimoxystrobin Diniconazol (sum of isomers) Dinotefuran Diphenamid Dipropetryn Disulfoton Disulfoton sulfone Dithiopyr Diuron 2,4-dimethylphenyl formamide (DMPF) Dodine Edifenphos Epoconazole Etaconazole Ethiofencarb sulfone Ethiprole Ethofumesate Ethoprophos Etobenzanid Etofenprox Etoxazole Etrimfos Famoxadone Famphur Fenamidone Fenamiphos sulfone Fenamiphos sulfoxide Fenazaquin Fenclorazol ethyl Fenbuconazole Fenchlorophos oxon Fenhexamid Fenobucarb</p>	
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<p>Legumes and Cereals  (Low water content)  cont/ed</p>	<p>Fenoxycarb Fenpicoxamid Fenpropidin Fenpyrarazamine Fenpyroximate Fensulfothion Fensulfothion-oxon Fensulfothio-oxon-sulfone Fenthion Fenthion oxon Fenthion sulfoxide Fenuron Flonicamid Fluazifop butyl Fluazuron Flufenoxuron Fluometuron Fluopicolide Fluopyram Fluoxastrobin Flupyradifurone Fluquinconazole Fluridone Flurochloridone Fluroxypyr Fluroxypyr-1-methylheptylester Flurprimidole Flurtamone Flusilazole Fluthiacet-methyl Flutolanil Flutriafol Fluxapyroxad Fonofos Forchlorfenuron Fosthiazate Furalaxyl Furathiocarb Furmecyclox Griseofulvin Halauxifen Heptenophos Hexaconazole Hexazinone Hexythiazox Imazalil Imazamethabenz methyl Imazethapyr Imibenconazole Imidacloprid Inabenfide Indaziflam Indoxacarb (sum of indoxacarb and its R enantiomer) Iodofenphos</p>	
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<p>Legumes and Cereals  (Low water content)  cont/ed</p>	<p>Iprovalicarb (sum of isomers) Isazofos Isofentamid Isopropalin Isoproturon Isopyrazam Isoxaben Isoxathion Karanjin Lenacil Linuron Malaixon Mandipropamid Matrine Mecarbam Mefentrifluconazole Mefluidide Mepanipyrim Mephospholan Mepronil Metalaxyl-M Metamitron Metazachlor Metconazole (sum of isomers) Methabenzthiazuron Methiocarb sulfoxide Methiocarb-sulfone Methoprotryne Methoxyfenozide Metobromuron Metolachlor Metoxuron Metrafenone Metribuzin Metsulfuron Methyl Molinate Monocrotophos Monolinuron Monuron Myclobutanil Naphthalene acetamide Napropamide Nitenpyram Norflurazon N-Phenylurea Nuaimol Ofurace Omethoate Oxamyl oxime Oxathiapiprolin Oxfendazole Oxycarboxin Paclobutrazole Paraoxon Paraoxon methyl</p>	
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<p>Legumes and Cereals  (Low water content)  cont/ed</p>	<p>Penconazole Pencycuron Penflufen Penoxsulam Penthiopyrad Pethoxamid Phorate sulfoxide Phosalone Phosmet oxon Picolinafen Picoxystrobin Piperonyl butoxide Piperophos Pirimicarb Pirimiphos ethyl Pirimiphos methyl Pretilachlor Prochloraz Profenofos Profoxydim (sum of isomers) Promecarb Prometryn Propachlor Propamocarb Propazine Propiconazole (sum of isomers) Propyzamide Proquinazid Prosulfocarb Prosulfuron Prothioconazole Prothioconazole desthio (sum of isomers) Pyracarbolid Pyraclostrobin Pyraflufen ethyl Pyrazophos Pyributicarb Pyridaben Pyridaphenthion Pyrifluquinazon Pirimethanil Pirimidifen Pyriminobac methyl Pyriofenone Pyriproxyfen Pyroquilon Quinalphos Quinoxypen Quizalofop ethyl Rabenzazole Sedaxane Siduron (sum of isomers) Silthiofam Simazine</p>	
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<p>Legumes and Cereals (Low water content) cont/ed</p>	<p>Simetryn  Spinosad (spinosad sum of spinosyn A and spinosyn D)  Spinosyn A  Spinosyn D  Spirodiclofen  Spirotetramate  Spirotetramate-keto-hydroxy  Spirotetramate-mono-hydroxy  Spiroxamine (sum of isomers)  Sulfotep  Tebuconazole  Tebufenpyrad  Tebupirimphos  Tebuthiuron  Temephos  Terbacil  Tetrachlorvinphos  Tetraconazole  Tetraethylpyrophosphate  TFNG (Flonicamid metabolite)  Thiabendazole  Thiacloprid  Thiamethoxam  Thiazafluron  Thiazopyr  Thidiazuron  Thiometon sulfone  Thiometon sulfoxide  Thiophanate methyl  Thiophanat ethyl  Tolfenpyrad  Triadimefon  Triadimenol  Triasulfuron  Tribufos (s, s, s-tributyl-phosphorotrithioate),  Tricyclazole  Trifloxystrobin  Triflumizole  Triflumizole Metabolite FM-6-1  Triflumuron  Triticonazole  Uniconazole  Valifenalate  Vamidothion  Vamidothion sulfone  Vegadex  Vernolate  Warfarin  Zoxamide</p> <p>**Bispyribac  **Diclofop  **Ethiofencarb</p>	
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	<ul style="list-style-type: none"> <li>**Ethiofencarb sulfoxide</li> <li>**Fipronil</li> <li>**Fluazifop-p</li> <li>**Flufenacet ESA</li> <li>**Flufenacet OA</li> <li>**Flumioxazin</li> <li>**Fomesafen</li> <li>**Formetanate</li> <li>**Fuberidazole</li> <li>**Halofenozide</li> <li>**Halosulfuron methyl</li> <li>**Haloxyfop</li> <li>**Imazaquin</li> <li>**Lufenuron</li> <li>**Nicosulfuron</li> <li>**Phoxim</li> <li>**Pinoxaden</li> <li>**Rimsulfuron</li> <li>**Sethoxydim sulfone</li> <li>**Sethoxydim sulfoxide</li> <li>**Spinetoram J</li> <li>**Sulfosulfuron</li> <li>**Thiodicarb</li> <li>**Trimethacarb (2.3.5-)</li> <li>**Trinexapac-ethyl</li> </ul>	
Fruits, Vegetables	<p>*Determination of pesticides residues.</p> <ul style="list-style-type: none"> <li>Acetochlor</li> <li>Aclonifen</li> <li>Acrinathrin</li> <li>Alachlor</li> <li>Aldrin</li> <li>Ametryne</li> <li>Anthraquinone</li> <li>Atrazine</li> <li>Azoxystrobin</li> <li>Benalaxyl</li> <li>Benfluralin</li> <li>HCH, Alpha</li> <li>HCH, Beta</li> <li>HCH, delta</li> <li>HCH, gamma (Lindane)</li> <li>Bifenazate</li> <li>Bifenthrin</li> <li>Biphenyl</li> <li>Bitertanol</li> <li>Boscalid</li> <li>Bromacil</li> <li>Bromophos ethyl</li> <li>Bromophos methyl (Bromophos)</li> <li>Bromopropylate</li> <li>Bromuconazole</li> <li>Bupirimate</li> </ul>	Based on EN 15662:2008 GC-MS/MS
Fruits, Vegetables cont/ed		

	Butachlor Butafenacil Butralin Cadusafos Carbaryl Carbofuran Carbophenothion Carbophenothion methyl Carboxin Chlorantraniliprole Chlorbufam Chlordane alpha-cis Chlordane gamma-trans Chlorfenapyr Chlorfenprop methyl Chlorfenson Chlorfenvinphos sum Chlormephos Chlorobenzilate Chloroneb Chlortoluron Chlorpropham Chlorpyriphos ethyl Chlorpyrifos methyl Chlorthal-dimethyl Chlorthion Chlozolate Clethodim Clodinafop-propargyl Clofentezine Clomazone Cloquintocet mexyl Coumaphos Cyanazine Cyanofenphos Cyanophos Cyfluthrin Sum Cyhalofop butyl Cyhalothrin I (lambda) Cypermethrin sum Cyproconazole Cyprodinil DDD- p,p DDD- o,p DDE- o,p DDE- p,p DDT- o,p DDT- p,p DEET Deltamethrin Demeton-O Demeton-S Desmetryn Diafenthiuron Diazinon	
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<p>Fruits, Vegetables cont/ed</p>	<p>Dichlobenil Dichlofenthion Dichloran Dichlorvos Diclofluanid Diclofop methyl Dicofol Dieldrin Diethofencarb Difenoconazole sum Diflufenican Diniconazole Dioxabenzofos Diphenyl sulfide Diphenylamine Dipropetryn Disulfoton Disulfoton sulfone Disulfoton sulfoxide Ditalimfos Endosulfan a Endosulfan b Endosulfan sulfate Endrin EPN Epoxiconazole EPTC Esfenvalerate Etaconazole sum Ethalfluralin Ethion Ethofumesate Ethoprop (Ethoprophos) Etofenprox Etridiazole Etrimfos Famoxadone Fenamidone Fenamiphos Fenarimol Fenazaquin Fenbuconazol Fenchlorfos Fenfluthrin Fenitrothion Fenobucarb Fenpiclonil Fenpropimorph Fenson Fensulfothion Fenthion Fenvalerate Fipronil Fipronil-desulfinyl Fipronil sulfone</p>	
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<p>Fruits, Vegetables cont/ed</p>	<p>Flonicamid Fluazifop-P-butyl Fluchloralin Flucythrinate Fludioxonil Fluensulfone Flufenacet Flufenacet ESA Flumetralin Fluopicolide Fluopyram Fluotrimazole Fluquinconazole Flurprimidol Flusilazole Flutolanil Flutriafol Fluvalinate sum Fluxapyroxad Fonofos Formetanate HCl Furalaxyl Halfenprox Haloxifop ethyl Haloxifop methyl Heptachlor epoxide Heptachlor epoxide cis-exo Heptachlor epoxide trans-endo Heptenophos Hexachlorobenzene Hexaconazole Hexazinone Imazalil Iodofenphos Iprobenfos Iprovalicarb Isazophos Isocarbophos Isofenphos Isofenphos methyl Isoprothiolane Kresoxim methyl Lenacil Leptophos Malathion Mecarbam Mefenpyr-diethyl Mepanipyrim Mepronil Metalaxyl Metazachlor Methabenzthiazuron Methacrifos Methidathion Methoprotryne</p>	
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<p>Fruits, Vegetables cont/ed</p>	<p>Metolachlor Metrafenone Metribuzin Mevinphos Mirex Molinate Myclobutanil Naled Napropamide Nitralin Nitrapyrin Nitrofen Nitrothal-isopropyl Norflurazon Nuarimol Ofurace Ortho-phenylphenol Oxadiazon Oxadixyl Oxyfluorfen Paclobutrazol Parathion ethyl Parathion methyl Pebulate Penconazole Pencycuron Pendimethalin Pentachloroaniline Pentachloroanisole Permethrin Perthane Phenkapton Phenthoate Phorate Phosalone Phosphamidon Phthalimide Piperonyl butoxide Pirimicarb Pirimicarb-desmethyl-formamido Pirimicarb-p-desmetyl Pirimiphos ethyl Pirimiphos methyl Prochloraz Procymidone Profenofos Profluralin Promecarb Prometryn Propachlor Propanil Propargite Propazine Propetamphos Propham</p>	
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<p>Fruits, Vegetables cont/ed</p>	<p>Propiconazole Propoxur Propyzamide Prosulfocarb Prothioconazole desthio Prothiofos Pyridaben Pyridaphenthion Pyrifenox-E Pyrifenox-Z Pyrimethanil Pyriproxyfen Quintozene Quizalofop ethyl Silthiofam Simazine Spiromesifen Spiroxamine sum Sulfotep Sulprofos Tebuconazole Tebufenpyrad Tecnazene Teflubenzuron Tefluthrin Terbufos Terbufos sulfone Terbufos sulfoxide Terbumeton Terbutylazine Terbutryn Tetrachlorvinphos Tetraconazole Tetradifon Tetrahydrophthalimide (THPI) Tetramethrin Tolclofos-methyl Tolyfluanid Transfluthrin Triadimefon Triadimenol Triallate Triazamate Triazophos Trichloronate Trifloxystrobin Trifluralin Uniconazole Vinclozolin Zoxamide</p> <p>**1,4-Dimethylnaphthalene **2.3.5-Trimethacarb</p>	
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	<p>**4,4'-Dichlorobenzophenone (degr. Dicofol)</p> <p>**Alpha-HCH</p> <p>**Beta-HCH</p> <p>**Bromocyclen</p> <p>** gamma HCH, (Lindane)</p> <p>**Nicotine</p> <p>**Parathion Ethyl</p>	
Grains, legumes, cereals	<p>*Determination of pesticides residues.</p> <p>Acetochlor</p> <p>Aclonifen</p> <p>Acrinathrin</p> <p>Alachlor</p> <p>Aldrin</p> <p>Ametryne</p> <p>Anthraquinone</p> <p>Atrazine</p> <p>Azoxystrobin</p> <p>Benalaxyl</p> <p>Benfluralin</p> <p>HCH, Alpha</p> <p>HCH, Beta</p> <p>HCH, delta</p> <p>HCH, gamma (Lindane)</p> <p>Bifenazate</p> <p>Bifenox</p> <p>Bifenthrin</p> <p>Biphenyl</p> <p>Bitertanol</p> <p>Boscalid</p> <p>Bromacil</p> <p>Bromophos-ethyl</p> <p>Bromophos-methyl (Bromophos)</p> <p>Bromopropylate</p> <p>Bromuconazole</p> <p>Bupirimate</p> <p>Butachlor</p> <p>Butafenacil</p> <p>Butralin</p> <p>Cadusafos</p> <p>Carbaryl</p> <p>Carbofuran</p> <p>Carbophenothion</p> <p>Carbophenothion methyl</p> <p>Carboxin</p> <p>Chlorantraniliprole</p> <p>Chlorbufam</p> <p>Chlordane alpha-cis</p> <p>Chlordane gamma-trans</p> <p>Chlorfenapyr</p> <p>Chlorfenprop-methyl</p> <p>Chlorfenson</p>	Based on EN 15662:2008 GC-MS/MS

<p>Grains, legumes, cereals</p> <p>cont/ed</p>	<p>Chlorfenvinphos Sum  Chlorobenzilate  Chloroneb  Chlortoluron  Chlorpropham  Chlorpyriphos ethyl  Chlorpyrifos methyl  Chlorthal-dimethyl  Chlorthion  Chlozolate  Clethodim  Clodinafop-propargyl  Clofentezine  Clomazone  Cloquintocet mexyl  Coumaphos  Cyanazine  Cyanofenphos  Cyanophos  Cyfluthrin Sum  Cyhalofop butyl  Cyhalothrin I (lambda)  Cypermethrin sum  Cyproconazole  Cyprodinil  DDD- p,p  DDD- o,p  DDE- o,p  DDE- p,p  DDT- o,p  DDT- p,p  DEET  Deltamethrin  Demeton-O  Demeton-S  Desmetryn  Diafenthiuron  Diazinon  Dichlobenil  Dichlofenthion  Dichloran  Dichlorvos  Diclofluanid  Diclofop methyl  Dicofol  Dieldrin  Diethofencarb  Difenoconazole sum  Diflufenican  Diniconazole  Dioxabenzofos  Diphenyl sulfide  Diphenylamine  Dipropetryn  Disulfoton sulfoxide</p>	
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<p>Grains, legumes, cereals</p> <p>cont/ed</p>	<p>Ditalimfos Endosulfan a Endosulfan b Endosulfan sulfate Endrin EPN Epoxiconazole EPTC Esfenvalerate Etaconazole sum Ethalfluralin Ethion Ethofumesate Ethoprop (Ethoprophos) Etofenprox Etridiazole Etrimfos Famoxadone Fenamidone Fenamiphos Fenarimol Fenazaquin Fenbuconazol Fenchlorfos Fenfluthrin Fenitrothion Fenobucarb Fenpiclonil Fenpropimorph Fenson Fensulfothion Fenthion Fenvalerate Fipronil Fipronil-desulfinyl Fipronil-sulfon Flonicamid Fluazifop-P-butyl Fluchloralin Flucythrinate Fludioxonil Fluensulfone Flufenacet Flufenacet ESA Flumetralin Fluopicolide Fluopyram Fluotrimazole Fluquinconazole Flurprimidol Flusilazole Flutolanil Flutriafol Fluvalinate Sum Fluxapyroxad</p>	
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<p>Grains, legumes, cereals</p> <p>cont/ed</p>	<p>Fonofos Formetanate HCl Furalaxyl Halfenprox Haloxypop-ethyl Haloxypop-methyl Heptachlor Heptachlor epoxide Heptachlor epoxide cis-exo Heptachlor epoxide trans-endo Heptenophos Hexachlorobenzene Hexaconazole Hexazinone Imazalil Iodofenphos Iprobenfos Iprovalicarb Isazophos Isocarbophos Isodrin Isofenphos Isofenphos-methyl Isoprothiolane Kresoxim methyl Lenacil Leptophos Malathion Mecarbam Mefenpyr-diethyl Mepanipyrim Mepronil Metalaxyl Metazachlor Methabenzthiazuron Methacrifos Methamidophos Methoprotetryne Metolachlor Metrafenone Metribuzin Mirex Molinate Myclobutanil Napropamide Nitralin Nitrofen Nitrothal-isopropyl Norflurazon Nuarimol Ofurace Ortho-phenylphenol Oxadiazon Oxadixyl Oxyfluorfen</p>	
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<p>Grains, legumes, cereals</p> <p>cont/ed</p>	<p>Paclobutrazol Parathion ethyl Parathion methyl Pebulate Penconazole Pencycuron Pendimethalin Pentachloroaniline Pentachloroanisole Permethrin Perthane Phenkapton Phenthoate Phorate Phosalone Phosphamidon Phthalimide Piperonyl butoxide Pirimicarb Pirimicarb-desmethyl-formamido Pirimicarb-desmetyl Pirimiphos-ethyl Pirimiphos-methyl Prochloraz Procymidone Profenofos Profluralin Promecarb Prometryn Propachlor Propanil Propargite Propazine Propetamphos Propham Propiconazole Propoxur Propyzamide Prosulfocarb Prothioconazole desthio Prothiofos Pyridaben Pyridaphenthion Pyrifenox-E Pyrifenox-Z Pirimethanil Pyriproxyfen Quintozene Quizalofop-ethyl Quinalphos Silthiofam Simazine Spiromesifen Spiroxamine sum Sulfotep</p>	
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<p>Grains, legumes, cereals</p> <p>cont/ed</p>	<p>Sulprofos  Tebufenpyrad  Tecnazene  Teflubenzuron  Tefluthrin  Terbacil  Terbufos  Terbufos sulfone  Terbufos sulfoxide  Terbumeton  Terbuthylazine  Terbutryn  Tetrachlorvinphos  Tetraconazole  Tetradifon  Tetrahydrophthalimide (THPI)  Tetramethrin  Tetrasul  Tolclofos-methyl  Transfluthrin  Triadimefon  Triadimenol  Triallate  Triazamate  Triazophos  Trichloronate  Trifloxystrobin  Trifluralin  Uniconazole  Vinclozolin  Zoxamide</p> <p>**1,4-Dimethylnaphthalene  **2.3.5-Trimethacarb  **Alpha-HCH  **Beta-HCH  **Bromocyclen  **Lindane  **Nicotine  **Parathion Ethyl</p>	
<p>Dried fruits, nuts with shell, grain-flour</p>	<p>*Determination of toxins  Aflatoxin B1,  Aflatoxin B2,  Aflatoxin G1,  Aflatoxin G2,  Diacetoxyscirpenol (DAS),  T-2,  HT2  Deoxynivalenol (DON)  Zearalenone (ZON)  Ochratoxin A</p>	<p>In-house method based on</p> <ul style="list-style-type: none"> <li>●Journal of Chromatography A,1143(2007),48-64</li> </ul> <p>Simultaneousdetermination of multi-componentmycotoxin contaminants in foods and feeds by ultra-performance Liquid Chromatography tandem mass spectrometry</p> <ul style="list-style-type: none"> <li>●Application brief of RomerLabs</li> <li>●Journal of AOACInternational,Vol93,No.5,2010,Rapid determination of Fumonisin sin corn-based products by Liquid Chromatography/Tandem Mass Spectrometry LC-MS/MS</li> </ul>

Grain-flour, animal feed (compound feed) **Feed	Fumonisin FB1  Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Deoxynivalenol (DON) Zearalenone (ZON)	In-house method based on ●Journal of Chromatography A,1143(2007),48-64 Simultaneousdetermination of multi-componentmycotoxin contaminants in foods and feeds by ultra-performance Liquid Chromatography tandem mass spectrometry ●Application brief of RomerLabs ●Journal of AOACInternational,Vol93,No.5,2010,Rapid determination of Fumonisin in corn-based products by Liquid Chromatography/Tandem Mass Spectrometry LC-MS/MS
Potable Water, Surface Water, Swimming pool Water and Waste Water	Alkalinity	Based on APHA <sup>1</sup> 2320-Alkalinity Titration
	Ammonia	Based on APHA <sup>1</sup> 4500-NH <sub>3</sub> -F UV
	Chlorides	Based on APHA <sup>1</sup> 4500 B-Cl Titration
	Electrical Conductivity	ISO 7888:1985
	Nitrate	Based on APHA <sup>1</sup> 4500-NO <sub>3</sub> -B UV
	Nitrite	Based on APHA <sup>1</sup> 4500-NO <sub>2</sub> UV
	pH	Based on ISO 10523:2008
	Sulphate	Based on APHA <sup>1</sup> 4500 E-SO <sub>4</sub> UV
	Total Hardness	By calculation based on APHA <sup>1</sup> 2340 B
PotableWater Swimming Pool Water Borehole Water Surface Water Wastewater	TDS (Total Dissolved Solids)	Based on APHA <sup>1</sup> 2540 D Total Dissolved Solids Dried at 180°C
	Determination of Total Nitrogen	Based on HACH-LANGE LCK 138, 238 UV
	Determination of Turbidity (KIT)	In-house method based on APHA <sup>1</sup> 2130B
	Determination of Carbonate, Bicarbonate, Phenolphthalein Alkalinity	Based on APHA <sup>1</sup> 2320-Alkalinity (by calculation)
	Determination of Ammonium Nitrogen (Ammonia and Ammonium )	Based on APHA <sup>1</sup> 4500-NH <sub>3</sub> UV
	Determination Silica -SiO <sub>2</sub> , Determination of Phosphates – PO <sub>4</sub> , P <sub>2</sub> O <sub>5</sub>	Based on APHA <sup>1</sup> 3125 (by calculation) ICP-MS
	Determination of Fluorides	In-house method based on HACH-LANGE LCK 323UV
	Determination of TOC	In-house method based on HACH-LANGE LCK 385UV
	Determination of Free and Total Chlorine (KIT)	In-house method based on APHA 4500-Cl F

Waste Water	BOD5	Based on APHA <sup>1</sup> 5210D
	COD	ISO 15705:2002
Potable water Borehole water Wastewater	****Determination of phosphorus.	In-house method based on HACH-LANGE LCK 349,350. UV
	****Determination of sulphates.	In-house method based on HACH-LANGE LCK 153,353 UV
	****Determination of ammonium nitrogen	In-house method based on HACH-LANGE LCK 303,304 UV
Potable water Borehole water Wastewater Surface Water	FOG (Fat, Oil, and Grease)	Based on APHA <sup>1</sup> 5520
	Total Kjeldahl Nitrogen	Based on APHA <sup>1</sup> 4500-Norganic
	Total Phosphorus	BS EN ISO 6878:2004UV
	Total Suspended Solids	Based on APHA <sup>1</sup> 2540D
Potable Water Borehole Water Surface Water	Determination of Oxidisability	EN ISO 8467:1993Titration
Potable Water	**Determination of Cyanide	In-house method based on HACH LCK 315 Spectrophotometry /visible
Plastic Materials and Articles in Contact with Foodstuffs	Overall Migration Into Fatty Food Simulants in Alternative Simulants: 95% Ethanol and Iso-Octane	EN1186-3:2022, EN 1186-1:2002
	Overall Migration Into Aqueous Food Simulants by Article Filling	EN1186-3:2022, EN 1186-1:2002
	Overall Migration Into Aqueous Food Simulants by the Cell Method	EN1186-3:2022, EN 1186-1:2002
	Overall Migration Into Aqueous Food Simulants by Total Immersion	EN1186-3:2022, EN 1186-1:2002
	Overall Migration into Fatty Simulant D1 (Ethanol 50%) by Total Immersion, Article Filling and Cell Methods	EN1186-3:2022, EN 1186-1:2002
Soil	***Mechanical structure in soils	Bouyoucos Hydrometer (Sieve mesh No 30, 0.6 mm)
	Calcium Carbonate (CaCO <sub>3</sub> )	-Soil and Plant Analysis Laboratory Manual. Second Edition. 2001 Published by the International Center for Agricultural Research in the Dry Areas (ICARDA) and the National Agricultural Research Center (NARC).

Soil	*Determination of Ca, Mg, K	In-house method based on the Method of Soil Analysis 1982, American Society of Agronomy p.559-581, Ammonium acetate extraction APHA <sup>1</sup> ,3125A ICP-MS
	*Determination of Zn, Fe, Mn, Cu	In-house method based on the Method of Soil Analysis 1982, American Society of Agronomy p.654-721 DTPA extraction APHA <sup>1</sup> ,3125A ICP-MS
	*Determination of Phosphorus	In-house method based on the Olsen Method with sodium hydrogen carbonate extraction APHA <sup>1</sup> ,3125 A,B ICP-MS
	*Determination of Boron	In-house method based on the Method of Soil Analysis 1982, American Society of Agronomy, Inc, Soil Science Society Calcium chloride extraction APHA <sup>1</sup> 3125A:ICP-MS
	*Determination of Nitrates	In-house method based on the Method of Soil Analysis 1996 Part 3:Chemical Methods p.1130,1155 Potassium chloride extraction, APHA 4500-NO <sub>3</sub> -B UV
Soil, Sludge, Sediment	*Determination of Ammoniacal Nitrogen	In-house method based on APHA <sup>1</sup> 4500-NH <sub>3</sub> F Potassium chloride extraction
	*Determination of pH	Based on ISO 10390:2021
	*Determination of Conductivity	In-house method based on ISO 11262:1994
	*Determination of Organic Carbon	In-house method based on Walkley and Black method. Methods of Soil Analysis 1996, Soil Science Society of America book series:5, Part 3-Chemical Methods p.995UV
	*Determination of Total Nitrogen	In-house method based on FOSS Application Subnote 3313
	*Determination of Heavy Metals (Cr,As,Cd,Cu,Hg,Ni,Pb,Zn)	In-house method based on APHA <sup>1</sup> 3125 A,B .Microwave digestion ICP-MS
Cosmetics	*Determination of Heavy Metals (Sb,As,Cd,Co,Pb,Ni,Hg,Cr)	Based on ISO 17276:2014
Gypsum and gypsum products	Determination of free water, combined water, Sulfur trioxide Determination of gypsum, anhydrite	In-house method based on ASTM C 471M-01 By calculation based on ASTM C 471M-01
Aggregates	****Determination of acid soluble sulphates.	Based on CYS EN 1744 -1 Gravimetric
	****Determination of total sulfur.	Based on CYS EN 1744-1 Gravimetric

<sup>1</sup> American Public Health Association, American Water Works Association, Water Environment Federation, “Standard Methods for the Examination of Water and Wastewater”, 24<sup>th</sup> Edition, 2023

Materials / Products	Type of testing / Countable properties	Methods / Techniques	*Opinion and Interpretation
<b>Microbiological Testing</b>			
Food and Animal Feeding Products	Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> (Colony Count at 30°C)	ISO 7932:2004	Yes-Food
	Enterobacteriaceae (Colony Count) Enumeration	ISO 21528-2:2017	Yes-Food
	Coliforms (Colony Count ) Enumeration	ISO 4832:2006	Yes-Food
	<i>Escherichia coli</i> (beta glucuronidase Positive) Enumeration	ISO 16649-2:2001	Yes-Food
	<i>Listeria monocytogenes</i> Enumeration	ISO 11290-2:2017	Yes-Food
	<i>Staphylococcus</i> (Coagulase Positive) Enumeration	+ ISO 6888-1:2021/ Amd1:2023	Yes-Food
	Total Viable Count at 30°C Enumeration	EN ISO 4833-1:2013	Yes-Food
	<i>Listeria monocytogenes</i> (Detection)	ISO 11290-1:2017	Yes-Food
	<i>Salmonella</i> spp.(Detection (except <i>S.typhi</i> and <i>S.paratyphi</i> ))	ISO 6579-1:2017/ Amd1:2020	Yes-Food
	Detection of <i>Listeria</i> spp	ISO 11290-1:2017	Yes-Food
	Enumeration of <i>Campylobacter</i> spp	ISO 10272-2 : 2017/ Amd1: 2023	Yes-Food
	Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>	ISO 21872-1 : 2017/Amd1: 2023	Yes-Food
	Enumeration of sulfite-reducing <i>Clostridium</i> spp. – Colony count technique.	ISO 15213-1: 2023	Yes-Food
	Enumeration of Mesophilic lactic acid bacteria – Colony-count technique at 30°C	ISO 15214:1998	Yes-Food

Materials / Products	Type of testing / Countable properties	Methods / Techniques	*Opinion and Interpretation
	***Enumeration of Clostridium perfringens – Colonycount technique	ISO 15213-2:2023	
	***Enumeration of sulfite reducing Clostridium spp. by colony count technique.	ISO 15213-1:2023	
Environmental Samples and Animal Feces	Salmonella spp. Detection ( except S.Typhi and S.Paratyphi)	ISO 6579-1:2017/ Amd 1:2020	
Food	Yeast and Molds Counts	AOAC 997.02	Yes
Indoor Air	Total Viable Count	In-House method METH 01 30 (Based on BS ISO 16000-17:2008)	Yes
	Yeast and Molds	In-House method METH 01 29 (Based on BS ISO 16000-17:2008)	Yes
	Sampling	In-House method METH 01 28 (Based on BS ISO 16000-18:2011)	
Surface-swabbing	Horizontal methods for surface sampling of food chain	ISO 18593:2018	Yes
Potable Water, Surface Water, Swimming pool Water, Sea water and Waste Water	Clostridium perfringens	ISO 14189:2013	Yes
	Coliforms (Horizontal Method)	APHA <sup>1</sup> 9222B:2023	Yes
	Culturable Microorganisms(Col Count)	EN ISO 6222:1999	Yes
	Escherichia coli	APHA <sup>1</sup> 9222H:2023	Yes
	Legionella	ISO 11731:2017	Yes
	Faecal Coliform	APHA <sup>1</sup> 9222D:2023	Yes
	Intestinal Enterococci	EN ISO 7899-2:2000	Yes
	Pseudomonas aeruginosa	ISO 16266:2006	Yes

Materials / Products	Type of testing / Countable properties	Methods / Techniques	*Opinion and Interpretation
	Staphylococcus aureus	APHA <sup>1</sup> 9213B:2023	Yes
	Detection of Salmonella spp.	ISO 19250:2010	Yes
Potable Water, Surface Water, Swimming pool Water	Escherichia coli	EN ISO 9308-1:2014	Yes
	Total coliforms	EN ISO 9308-1:2014	Yes
Cosmetics	Detection of Escherichia coli	ISO 21150:2015/ Amd1: 2022	
	Detection of Pseudomonas aeruginosa	ISO 22717:2015/ Amd1: 2022	
	Detection of Staphylococcus aureus	ISO 22718: 2015/ Amd 1:2022	
	Detection of Candida albicans	ISO 18416:2015/ Amd 1:2022	
	Enumeration of Yeast and Mould	ISO 16212:2022(Pour plate technique)	
	Enumeration of aerobic mesophilic bacteria	ISO 21149:2022(Pour plate technique)	
	Detection of specified and nonspecified microorganisms	ISO 18415:2017/ Amd 1:2022	

<sup>1</sup> American Public Health Association, American Water Works Association, Water Environment Federation, “Standard Methods for the Examination of Water and Wastewater”, 24<sup>th</sup> Edition, 2023

<b>Materials /Products tested</b>	<b>Types of test/Properties measured</b>	<b>Applied methods/ Techniques used</b>
<b>Biological Testing</b>		
Food Raw materials and processed Food	Detection and quantification of Gluten/Gliadin protein	O.341.04 In-house Method Based on: -Veratox for Gliadin R5 allergen (Neogen, 8510) -BS EN 15633-1:2019/ELISA
Food Raw materials and processed Food	Detection and quantification of Hazelnut protein	O.341.01 In-house Method Based on: -Veratox for Hazelnut allergen (Neogen, 8420) -BS EN 15633-1:2019/ELISA
Food Raw materials and processed Food	Detection and quantification of Peanut protein	O.341.03 In-house Method Based on: -Veratox for Peanut allergen (Neogen, 8430) -BS EN 15633-1:2019/ELISA
Food Raw materials and processed Food	Detection and quantification of Total Milk Protein	O.341.02 In-house Method Based on: -Veratox for Total milk allergen (Neogen, 8470) -BS EN 15633-1:2019/ELISA
	*Detection and Quantification of soy	O.341.05 In-house method based on: -Veratox for Soy allergen(Neogen,8410) -BS EN 15633-I:2019/ELISA
	*Detection and Quantification of egg	O.341.07 In-house method based on: -Veratox for Egg allergen(Neogen,8450) -BS EN 15633-I:2019/ELISA
	*Detection and Quantification of Sesame	O.341.10 In-house method based on: -R7202 Ridascreen Fast Sesame allergen -BS EN 15633-I:2019/ELISA
	*Detection and Quantification of mustard	O.341.11 In-house method based on: -Veratox for Mustard allergen, Neogen,8400 -BS EN 15633-I:2019/ELISA
	*Detection and Quantification of almond	O.341.06 In-house method based on: -R 6901 Ridascreen Fast Almond allergen -BS EN 15633-I:2019/ELISA
	*Detection of Crustacea	O.341.08 In-house method based on: -BS EN 15633-I:2019/ELISA -Veratox for Crustacea allergen, Neogen,8520 ELISA
	*Detection of Macadamia	O.341.09 In-house method based on: -Eurofins Sensispec ELISA Macadamia nut Allerg -BS EN 15633-I:2019/ELISA
Milk and Milk Products	Aflatoxin M1	O.341.12 In-house Method Based on: -BS EN ISO 14675:2003/ELISA -Veratox for Aflatoxin M1 (Neogen, 8019) ELISA

**\*\*\*SAMPLING**

Potable Water, SurfaceWater, Borehole Water, Swimming Pool Water, ****Seawater, ****Wastewater	Determination of <b>Microorganisms</b> <b>Physical-Chemical parameters</b>	Methods based on ISO 5667-1:2023 ISO 5667-3:2024 ISO 5667-9:1992 ISO 5667-5:2006 ISO 5667-11:2014 ISO 5667-10:2021 ISO 5667-14 :2016 ISO 19458:2006
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**Comments**

This Annex refers only **to tests** carried out in **the premises of the Laboratory**, Address:  
**44 Kilkis Street, Latsia, Nicosia, Cyprus.**



Dr Stephanie Cleridou  
Director

**Date: 2<sup>nd</sup> April 2026**