

Table of Accredited Flexible Scope Methods

Materials/products	Type of testing	Method/technics
	Αναλύσεις μετάλλων / ιχνοστοιχείων	
Water	Determination of Aluminum, Al, Arsenic, As, Boron, B Barium, Ba Cadmium, Cd, Cobalt, Co Copper, Cu Iron, Fe Mercury, Hg Magnesium, Mg Manganese, Mn Molybdenum, Mo Nickel, Ni Lead, Pb Antimony, Sb Selenium, Se Silica, Si Tin, Sn Vanadium, V Zinc, Zn, Chromium, Cr Total Phosphorus, P by ICP emission spectrometry (ICP-OES)	APHA 3120B:2017
Waste	Determination of Aluminum, Al,	APHA 3120B:2017 04/02/2005

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	<p>Arsenic, As, Boron, B Barium, Ba Cadmium, Cd, Cobalt, Co Copper, Cu Iron, Fe Mercury, Hg Magnesium, Mg Manganese, Mn Molybdenum, Mo Nickel, Ni Lead, Pb Antimony, Sb Selenium, Se Silica, Si Tin, Sn Vanadium, V Zinc, Zn, Chromium, Cr Total Phosphorus, P by ICP emission spectrometry (ICP-OES)</p>	
Solids waste (sludge, sediments)	<p>Determination of Aluminum, Al, Arsenic, As, Boron, B Barium, Ba Cadmium, Cd, Cobalt, Co</p>	<p>ICP emission spectrometry (ICP-OES) AOAC 990.08 04/02/2005</p>

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	<p>Copper, Cu Iron, Fe Mercury, Hg Magnesium, Mg Manganese, Mn Molybdenum, Mo Nickel, Ni Lead, Pb Antimony, Sb Selenium, Se Silica, Si Tin, Sn Vanadium, V Zinc, Zn, Chromium, Cr Total Phosphorus, P by ICP emission spectrometry (ICP-OES)</p>	
Soils	<p>Determination of Aluminum, Al, Arsenic, As, Boron, B Barium, Ba Cadmium, Cd, Cobalt, Co Copper, Cu Iron, Fe Mercury, Hg Magnesium, Mg Manganese, Mn</p>	<p>EPA 6010D EPA 6020A 04/02/2005 - 04/04/2020</p>

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	<p>Molybdenum, Mo Nickel, Ni Lead, Pb Antimony, Sb Selenium, Se Silica, Si Tin, Sn Vanadium, V Zinc, Zn, Chromium, Cr Total Phosphorus, P by ICP emission spectrometry(ICP-OES)/ (ICP-ms)</p>	
Plants, and plant's origins food	<p>Determination of, Aluminum, Al, Arsenic, As, Barium, Ba, Cadmium, Cd, Copper, Cu, Iron, Fe, Mercury, Hg, Magnesium, Mg, Manganese, Mn, Molybdenum, Mo, Nickel, Ni, Lead, Pb, Antimony, Sb, Selenium, Se, Titanium, Ti Vanadium, V,</p>	<p>Meth-fd-ICP In house method based on AOAC: 985.01 (ICP-OES) 20/03/2007</p>

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	Zinc, Zn, Chromium, Cr, Calcium, Ca by ICP emission spectrometry (ICP-OES)	
Foodstuffs	Determination of, Aluminum, Al, Arsenic, As, Barium, Ba, Cadmium, Cd, Copper, Cu, Iron, Fe, Mercury, Hg, Magnesium, Mg, Manganese, Mn, Molybdenum, Mo, Nickel, Ni, Lead, Pb, Antimony, Sb, Selenium, Se, Titanium, Ti Vanadium, V, Zinc, Zn, Chromium, Cr, Calcium, Ca by ICP emission spectrometry (ICP-OES)	Meth-fd-ICP In house method based on AOAC: 985.01 (ICP-OES) 20/03/2007
Animal feeding stuffs feeding stuffs.	Determination of, Aluminum, Al, Arsenic, As,	Meth-fd-ICP In house method based on AOAC: 985.01 (ICP-OES) 20/03/2007

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	Barium, Ba, Cadmium, Cd, Copper, Cu, Iron, Fe, Mercury, Hg, Magnesium, Mg, Manganese, Mn, Molybdenum, Mo, Nickel, Ni, Lead, Pb, Antimony, Sb, Selenium, Se, Titanium, Ti Vanadium, V, Zinc, Zn, Chromium, Cr, Calcium, Ca by ICP emission spectrometry (ICP-OES)	
Air Particulate matter on air filters from atmospheric air sampling	Determination of Lead, Pb, Arsenic, As, Cadmium, Cd, Chromium, Cr, Nickel, Ni, Mercury, Hg	In house method MthdFit-ICP with ICP-ms/ ICP-OES 16/07/2009
Non-metallic products for use in contact with water	Suitability test for use in contact with water intended for human consumption with regard to their effect on the quality of water.	BS 6920-2.6:2014 ICP-OES technique for Al, Ba and Fe ICP-MS technique for As, Cd, Cr, Hg, Mn, Ni, Pb, Sb, και Se

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Table of Accredited Flexible Scope Methods

	Extraction and determination of metals Aluminum, Al, Arsenic, As, Barium, Ba, Cadmium, Cd, Iron, Fe, Mercury, Hg, Manganese, Mn, Nickel, Ni, Lead, Pb, Antimony, Sb, Selenium, Se, Chromium, Cr,	30/07/2012
Non-metallic products for use in contact with water	Suitability test for use in contact with water intended for human consumption with regard to their effect on the quality of water. Bopiou B	BS 6920-2.6:2014 ICP-OES technique 30/07/2012 -01/02/2018
Ceramic articles and materials in contact with foodstuffs	Migration test-Quantitative determination of Cadmium, Cd and Lead, Pb	
Water	Determination of Silver, Ag Arsenic, As, Boron, B, Berilium, Be Cadmium, Cd, Cobalt, Co, Chromium, Cr,	ISO 17294:2003 30/07/2012

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	Copper, Cu, Mercury, Hg, Manganese, Mn, Molybdenum, Mo, Nickel, Ni, Lead, Pb, Antimony, Sb, Selenium, Se Titanium, Ti Vanadium, V, Thalium, Tl by ICP /MS	
Foodstuffs	Determination of Cadmium, Cd, Lead, Pb Mercury, Hg	In house method Mthd-Fd-ICP-MS by Inductively Coupled Plasma, Mass Spectroscopy (ICP / MS) 30/07/2012
Mycotoxines		
Food and feeding stuffs - Dried nuts,	Determination of aflatoxines B1,G1,B2,G2	LC-FLD AOAC method (991.31) 16/07/2009
Food and feeding stuffs - cereals	Determination of aflatoxines B1,G1,B2,G2	LC-FLD AOAC method (991.31) 16/07/2009
Animal feeding stuffs	Determination of aflatoxines B1,G1,B2,G2	Υγρή χρωματογραφία LC-FLD AOAC method (991.31) 16/07/2009
Food and feeding stuffs - Dried fruits	Determination of aflatoxines B1,G1,B2,G2	Υγρή χρωματογραφία LC-FLD AOAC method (991.31) 16/07/2009 - 30-4-2017

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Food and feeding stuffs - Bakery products	Determination of aflatoxines B1,G1,B2,G2	Υγρή χρωματογραφία LC-FLD AOAC method (991.31) 16/07/2009 - 30-4-2017
Milk and milk powder	Determination of aflatoxin M1	ENISO 14501:2007 Mthd-Fd-M1/LC HPLC -Fluorescence 16/07/2009
Dairy products	Determination of aflatoxin M1	Romer Labs diagnostics COIAC 1002 Mthd-Fd-afl/M1/LC HPLC -Fluorescence 16/07/2009
Dried fruits	Determination of ochratoxin A	Mthd-Fd-OTA1 A. J. AOAC Vol 86 (6) (2003) 16/07/2009
Wines	Determination of ochratoxin A	LC -FLD AOAC 49.6.05 (2001.01) 16/07/2009
Animal feeding stuffs - Nuts	Determination of ochratoxin A	LC -FLD AOAC 49.6.04 (2000.03) 16/07/2009
Meat products	Determination of ochratoxin A	LC -FLD Food additives and contaminants, Vol 19 (6):2002 16/07/2009
Dried herbs / Dried spices	Determination of ochratoxin A	AOAC, Official Methods of Analysis AOAC, Vol. 100 no 5 2017 16/07/2009 – 29/02/2024
Coffee	Determination of ochratoxin A	AOAC, Official Methods of Analysis AOAC, 49.6.02A, Method 2000.09

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		16/07/2009 - 05-01-2021
Waters, sewage	Determination of anions Chlorides, Cl ⁻ Sulphate, SO ₄ ²⁻ Nitrates, NO ₃ ⁻ , Nitrites, NO ₂ ⁻ , Phosphates, PO ₄ ³⁻ , Bromides, Br ⁻ Fluorides, F ⁻	Ion chromatography +APHA 2023 (4110C) Mthd-wt-IC-a 16/07/09
Waters, sewage	Determination of cations Calcium Ca ²⁺ Magnesium Mg ²⁺ Potassium K ⁺ Sodium Na ⁺ Lithium Li ⁺	Ion chromatography In house method based on EN/ISO14911 Mthd-wt-IC-c 16/07/2009
Foodstuffs	Determination of nitrate and / or nitrite	CYS EN 12014-2: 2017 Mthd-fd-IC-NO3 30/07/2012

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