

A TSAKALIDIS Ltd

Company: A. TSAKALIDIS Ltd
Address: 12 Tsamadou Str., Piraeus, Attiki, Greece
Contact information:
e-mail: info@tsakalidislabs.gr
τηλ: 0030- 210 41 75 865
fax: 0030- 210 41 72 895
Web link: www.tsakalidislabs.gr

Certified services		
Tested Materials/Products	Types of test/Properties measured	Applied methods/Techniques used
Materials in contact with foodstuffs- Plastics	1. Overall migration into aqueous simulants (A, B,C) and simulant D ₁ (50% ethanol) by total immersion	BS EN 1186-3:2002
	2. Overall migration into aqueous simulants (A, B,C) and simulant D ₁ (50% ethanol) by article filling	BS EN 1186-9:2002
	3. Overall migration into simulant D ₂ (vegetable oil) by total immersion	In house method O.626 based on BS EN 1186-2:2002
	4. Overall migration into simulant D ₂ (vegetable oil) using a pouch	In house method O.627 based on BS EN 1186-6:2002
	5. Overall migration into aqueous simulants (A, B,C) and simulant D ₁ (50% ethanol) using a pouch	EN 1186-7:2002
	6. Overall migration into simulant D ₂ (vegetable oil) by article filling	EN 1186-8:2002
Materials in contact with foodstuffs- Plastics, Paper and board	Overall migration using simulant E (adsorption by poly(2,6-diphenyl-p-phenylene oxide)- Tenax®)	In house method O.125 based on BS EN 1186-13 B:2002 & BS EN 14338:2003

CHIMAR HELLAS S.A

Company: CHIMAR HELLAS S.A
Address: 88, Them. Sofouli str. 551 31 Kalamaria Thessaloniki GREECE
Contact information:
e-mail: z Nikolaidou@ari.gr, office@ari.gr
Tel: 2310424167, 2310316312
Web link: www.chimarhellas.com

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Wood-based panels	Determination of formaldehyde content - Extraction method called the perforator method	ELOT EN 120:1993
Wood-based panels	Determination of formaldehyde release- Formaldehyde release by the gas analysis method	ELOT EN 717-2:1995
Wood-based panels	Determination of moisture content	ELOT EN 322q1994

K. Andreou LTD

Company: K. Andreou LTD
Address: Armodiou 14, 10552, Athens
Contact information:
e-mail: info@aclabs.gr
Tel: 2103311347-48
Web link: www.aclabs.gr

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Ceramic articles intended to come into contact with foodstuffs	1. Determination of cadmium migration	<i>Laboratory method code: WP.M.043</i> In house method based on <i>APHA</i> * 3500-Cd-B and on the article 25 of C.A. / Atomic Absorption - Flame
	2. Determination of lead migration	<i>Laboratory method code: WP.M.049</i> In house method based on <i>APHA</i> * 3500-Pb-B and on the article 25 of C.A. / Atomic Absorption - Flame

ARAL Co Ltd

Company: ARAL Co Ltd
Address: Saint Joannis, Stefani, Aspropyrgos TK.19300
Contact information:
e-mail: arallab@otenet.gr
Tel.: [210 5577537](tel:2105577537)
Web link: www.arallab.gr

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Glass hollow ware and Ceramic ware	Determination of the release of lead and cadmium	Internal method based on ISO 7086-1 and method of Greek Food Code (art.25) by AAS

MIRTEC S.A

Company: Materials Industrial Research and Technology Center S.A. (MIRTEC S.A.)

Address: Central offices Volos industrial area, section A, 385 00

Contact information:

e-mail: volos.office@ebetam.gr, athens.office@ebetam.gr, thess.office@ebetam.gr, athens.branch@ebetam.gr, thiva.office@ebetam.gr

Tel: 24210 95340-2, 210 9948432, 2310 797887, 210 9234932, 22620 71811-15, 210 2283757

Web link: www.ebetam.gr

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Materials and articles in contact with foodstuffs	Silicate surfaces – Part 1: Determination of the release of lead and cadmium from ceramic ware	ELOT EN 1388-1:1995 ASTM C738:2011 ASTM C927:2011
Raw material or filings of final products (PE), (PP), (PS).	Determination of melt flow index (MFI).	ELOT EN ISO 1133:2011 ELOT EN 12201-2 +A1:2011 ELOT EN 12201-3 +A1:2012
Samples (U-PVC), (PE), (PP), (PB).	Determination of softening temperature VICAT.	EN ISO 306 E3:2013 ISO 2507-1:1995 ELOT EN 727:1995 EAOT EN 1401.01 E2:2009 EAOT EN 1566.01:2001 EAOT EN 1329-1 E2:1999 EAOT EN ISO 1452.02:2011
Plastics, Toys, Textile materials and products	Determination of selected organotin compounds	In house method based on ELOT EN ISO 17353: 2005
Fabrics, dyes and coatings, etc	Detection and Determination of Lead and Cadmium by Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques (microwave oven digestion)	In-house method based on ASTM E 1613-04 & ASTM E 1645-01 (2007), according to 16CFR Part 1303, CPSC-CH-E1003-09.1 and CPSC-CH-E1002-08.1

Spectrum labs

Company: Spectrum labs
 Address: 49 Efplias Street, Piraeus 18537, Greece
 Contact information:
 e-mail: info@spectrum-labs.gr
 Tel.: 210 4526771
 Web link: www.spectrum-labs.gr

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Welds, metallic and cast materials	Magnetic particle inspection (YOKE).	ASME V: 2013, EN ISO 17638: 2009, EAOT EN 10228-1: 1999, BS EN 1369: 2012
	Liquid penetrant inspection.	BS EN 3452-1: 2013 ASME V: 2013, EAOT EN 10228-2: 1998, BS EN 1371-1: 2011
Welds, metallic and cast materials (cont)	Ultrasonic inspection.	EN ISO 17640: 2010, ASME V: 2013, EAOT EN 10228-3:1998, EAOT EN 10160: 1999, BS EN 14127: 2011
	Radiographic inspection (Sources: Ir-192, Se 75 and X-Rays)	EN ISO 17636-1:2013, ASME V: 2013
Welds, metallic materials	Visual examination for imperfections and dimensions.	ASME V: 2013, EN ISO 17637: 2011
Welds, metallic materials	Tensile test (Proof Strength not included).	EN ISO 6892-1: 2009, EAOT EN ISO 15614-1: 2004 & EAOT EN ISO 15614-1/A2: 2012 EN ISO 4136: 2012
	Hardness test according to the Vickers method.	EAOT EN ISO 6507-1 E2: 2006 (HV-10, HV-30), EN ISO 9015-1:2011
	Bend test.	EN ISO 5173: 2010, EN ISO 5173/A1:2012

	Impact test according to the Charpy method	EN ISO 9016: 2012
Steel materials	In situ measurement of surface hardness	ASTM A 956: 2012
Welds, metallic and cast materials	Macroscopic and microscopic examination	ISO 17639: 2003, ISO 6520-1:2007, ASTM E1351-01(2012)
Reinforced plastic composites	Determination of tensile properties	EAOT EN ISO 527-1: 2012 EAOT EN ISO 527-4: 1999
	Determination of flexural properties	EAOT EN ISO 14125: 1998, + A1:2011, ISO 178: 2010
	Determination of the textile glass and mineral fillet content	EAOT EN ISO 1172: 1998
THIN PLASTIC FILMS- PLASTIC CARRIER BAGS	Tensile Test / Strength – Elongation	ASTM D 882
	Elmendorff Tear Test/ Tear upon impact	ASTM D 1922
	Dart Drop Test/ Piercing upon impact	ASTM D 1709

General chemical state laboratory, E' chemical division Athens

Organization: General chemical state laboratory, E' chemical division Athens

Address: An. Tsocha 16, 11521 . Athens

Contact information:

e-mail: Schema@gcsl.gr, metrology@gcsl.gr

Tel.: 210 6479137, 210 6479138

Web link: www.gcsl.gr

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Food contact materials and food simulants	Migration of heavy metals from ceramic materials	SCHEMA 30 OX
Migration simulants	Non-volatile organic substances (monomers, oligomers, additives, NIAS) migrating from food contact materials*	2707 LCMS-ECL in-house method (LC-MS/MS)

General chemical state laboratory, B' chemical division Athens

Organization: General chemical state laboratory, B' chemical division Athens
 Address: An. Tsocha 16, 11521 . Athens
 Contact information:
 e-mail: bxyath@gcsl.gr
 Tel.: 210 6479242
 Web link: -

Certified services		
Tested Materials/Products	Tested Materials/Products	Tested Materials/Products
Ceramic ware	Determination of the release of lead and cadmium	13 01 CER 01 In house validated method, based on Greek Food Code (art. 25) and on ELOT EN 1388-1: 1995, ICP-OES
Plastics	Determination of total cadmium in plastics	13 02 KAD 01 In house validated method, based on COMMISSION <i>REGULATION</i> (EC) No 552/2009 of 22 June 2009 amending <i>Regulation</i> (EC) No 1907/2006 of the European Parliament, EN 1122:2001, FAAS*
	Identification of phthalate esters in PVC articles	13 02 PTH 01 In house validated method, HPLC
Paper and paperboard	Determination of paper and paperboard ash on ignition at 900°C	13 02 04 ISO 2144:1997, ISO 287: 2009
Paper and board	Determination of thickness of single sheets of paper and paper board	13 02 02 ELOT EN ISO 534: 2011 and ISO 187: 1990
	Determination of tensile strength of paper and paperboard	13 02 03 ISO 1924-2:2008 and ISO 187:1990
	Determination of smoothness (Bekk) of paper and paper board	13 02 05, ISO 5627:1995, ISO 187:1990
	Determination of roughness/smoothness (air leak method) of paper and paper board	13 02 06, ISO 8791-2:1990 and ISO 187:1990