



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.

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CHEMICAL

Valid to: December 31, 2016

Certificate Number: 3101.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following chemical tests:

**Test Method:**

**Test Description/Title**

EN 14362-1;  
64 LFGB B 82.02-2

Textiles - Methods for Determination of Certain Aromatic Amines Derived from AZO Colorants - Part 1: Detection of the Use of Certain AZO Colorants Accessible With and Without Extracting the Fibres

EN 14362-3

Examination of Commodities: Determination of the Use of AZO Colorants that can Release the 4-aminoazobenzene

64 LFGB B 82.02-3;  
ISO 17234-1

Examination of Commodities: Determination of Certain Aromatic Amines Derived from AZO Colorants in Dyed Leather

64 LFGB B 82.02-9;  
ISO 17234-2

Examination of Commodities: Determination of the Use of AZO Colorants that can Release the 4-aminoazobenzene in Leather

EN 14372

Child Use and Care Articles - Cutlery and Feeding Utensils - Safety Requirements and Tests, Section 6.3.2 Determination of Phthalate Content

CPSC-CH-C1001-09.3

Standard Operating Procedure for Determination of Phthalates

<u>Test Method:</u>	<u>Test Description/Title</u>
EPA 3540C	Procedure for Extracting Nonvolatile and Semivolatile Organic Compounds from Solids - Phthalate Content
CPSC-CH-E1001-08.2	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1002-08.2	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products
CPSC-CH-E1004-11	Standard Operating Procedure for Determining Cadmium (Cd) Extractability form Children's Metal Jewelry
16 CFR 1303; CPSC-CH-E1003-09.1; ASTM E1645; ASTM F963-11 (4.3.5.1(1))	Standard Operating Procedure for Determining Total Lead (Pb) in Paint and Other Similar Surface Coatings
DIN 54231	Textiles - Detection of Disperse Dyestuffs
EN 1122	Plastics - Determination of Cadmium - Wet Decomposition Method
EN 1811; EN 16128; EN 12472	Release of Nickel from Products Intended to Come into Direct and Prolonged Contact with the Skin
EN 71-3; AS/NZS ISO 8124.3; ISO 8124-3; EPA 6010C; EPA 6020A	Safety of Toys - Part 3: Migration of Certain Elements
ASTM F963-11 (4.3.5.1(2))	Standard Operating Procedure for Determining Migration of Certain Elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se) in Paint and Other Similar Surface Coatings Materials
ASTM F963-11 (4.3.5.2(2)(a))	Standard Operating Procedure for Determining Total Lead (Pb) in Accessible Toy Substrate Materials
ASTM F963-11 (4.3.5.2(2)(b))	Standard Operating Procedure for Determining Migration of Certain Elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se) in Accessible Toy Substrate Materials
ASTM F963-11 (4.3.5.2(2)(c))	Standard Operating Procedure for Determining Extractable Cadmium in Accessible Metallic Toys or Metallic Toy Components
EN ISO 17226-1	Leather - Chemical Determination of Formaldehyde Content - Part 1: Method Using High Performance Liquid Chromatography

<b><u>Test Method:</u></b>	<b><u>Test Description/Title</u></b>
ASTM D6007	Standard Test Method for Determining Formaldehyde Concentrations in Air from Wood Products Using a Small-Scale Chamber
ISO 4045	Leather - Chemical Tests - Determination of pH
IEC 62321; ISO 3613; EPA 3050B; EPA 3051A; EPA 3052; EPA 3060A	Electrotechnical Products - Determination of Levels of Six Regulated Substances (Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers)
IEC 62321-1	Determination of Certain Substances in Electrotechnical Products - Part 1: Introduction and Overview
IEC 62321-2	Determination of Certain Substances in Electrotechnical Products - Part 2: Disassembly Disjointment and Mechanical Sample Preparation
IEC 62321-3-1	Determination of Certain Substances in Electrotechnical Products - Part 3-1: Screening - Lead, Mercury, Cadmium, Total Chromium, and Total Bromine by X-ray Fluorescence Spectrometry
IEC 62321-4	Determination of Certain Substances in Electrotechnical Products - Part 4: Mercury in Polymers, Metals, and Electronics by CV-AAS, CV-AFS, ICP-OES, and ICP-MS
IEC 62321-5	Determination of Certain Substances in Electrotechnical Products - Part 5: Cadmium, Lead, and Chromium in Polymers and Electronics, and Cadmium and Lead in Metals by AAs, AFS, ICP-OES, and ICP-MS
ISO 14184-1	Textiles - Determination of Formaldehyde - Part 1: Free and Hydrolyzed Formaldehyde (Water Extraction Method)
ISO 17070	Leather - Chemical Tests - Determination of Pentachlorophenol Content
64 LFGB B 82.02-8	Leather and Textile - Chemical Tests - Determination of Pentachlorophenol Content
ISO 17075; EPA 7196A	Leather - Chemical Tests - Determination of Chromium (VI) Content
ISO 3071	Textiles - Determination of pH of Aqueous Extract
ZEK 01.4-08	Testing and Validation of Polycyclic Aromatic Hydrocarbons (PAH) in the Course of GS-Mark Certification

<b><u>Test Method:</u></b>	<b><u>Test Description/Title</u></b>
EN 1388-1	Materials and Articles in Contact with Foodstuffs - Silicate Surfaces - Part 1: Determination of the Release of Lead and Cadmium from Ceramic Ware
EN 1388-2	Materials and Articles in Contact with Foodstuffs - Silicate Surfaces - Part 2: Determination of the Release of Lead and Cadmium from Silicate Surfaces other than Ceramic Ware
ISO 17353	Water Quality - Determination of Selected Organotin Compounds - Gas Chromatographic Method
EN 717-3	Wood-Based Panels - Determination of Formaldehyde Release - Part 3: Formaldehyde Release by the Flask Method
ISO 16000-3	Indoor Air - Determination of Formaldehyde and Other Carbonyl Compounds - Active Sampling Method
ISO 16000-6	Indoor Air - Determination of Volatile Organic Compounds in Indoor and Test Chamber Air by Active Sampling on Tenax TA Sorbent, Thermal Desorption and Gas Chromatography Using MS/FID
ISO 16000-9	Indoor Air - Determination of the Emission of Volatile Organic Compounds from Building Products and Furnishing - Emission test Chamber Method
ISO 16000-11	Indoor Air - Determination of the Emission of Volatile Organic Compounds from Building Products and Furnishing - Sampling, Storage of Samples and Preparation of Test Specimens
ASTM D5116	Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products
EN 71-9; EN 71-10; EN 71-11	Safety of Toys - Parts 9-11: Organic Chemical Compounds - Requirements / Preparation and Extraction / Method of Analysis
ANSI/BIFMA M7.1; ANSI/BIFMA X7.1	Standard Test Method for Determining VOC Emissions From Office Furniture Systems, Components and Seating
California Standard Section 01350 Specification	Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers (version 1.1)
BS 6748	Specification for Limits of Metal Released from Ceramic Ware, Glassware, Glass Ceramic Ware, and Vitreous Enamel Ware
ASTM C927	Standard Test Method for Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels

<b><u>Test Method:</u></b>	<b><u>Test Description/Title</u></b>
ISO 6486-1	Ceramic Ware, Glass-ceramic Ware and Glass Dinnerware in Contact with Food - Release of Lead and Cadmium - Part 1: Test Method
ISO 6486-2	Ceramic Ware, Glass-ceramic Ware and Glass Dinnerware in Contact with Food - Release of Lead and Cadmium - Part 2 Permissible Limits
EN 645	Paper and Board Intended to Come Into Contact with Foodstuffs - Preparation of a Cold Water Extract
EN 647	Paper and Board Intended to Come Into Contact with Foodstuffs - Preparation of a Hot Water Extract
EN 1541	Paper and Board Intended to Come Into Contact with Foodstuffs - Determination of Formaldehyde in an Aqueous Extract
EN 1186-1	Materials and Articles in Contact with Foodstuffs - Plastics - Part 1: Guide to the Selection of Conditions and Test Methods for Overall Migration
EN 1186-3	Materials and Articles in Contact with Foodstuffs - Plastics - Part 3: Test methods for Overall Migration into Aqueous Food Simulants by Total Immersion
EN 1186-9	Materials and Articles in Contact with Foodstuffs - Plastics - Part 9: Test Methods for Overall Migration into Aqueous Food Simulants by Article Filling
EN 1186-14	Materials and Articles in Contact with Foodstuffs - Plastics - Part 14: Test Methods for 'Substitute Tests' for Overall Migration from Plastics Intended to Come Into Contact with Fatty Foodstuffs using Test Media Iso-octane and 95 % Ethanol
21 CFR 177.1640	Polystyrene and Rubber-Modified Polystyrene - Residual Styrene Monomer
French Decree of November 25, 1992 Annex III	Volatile Organic Material

On the following products or types of products: toys, textiles, hard goods, household articles, consumer electronics, leather, polyester, children's metal and non-metal jewelry, paint, metal coatings, consumable products and construction products.



American Association for Laboratory Accreditation

## Accredited Laboratory

A2LA has accredited

# EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.

*Shenzhen City, People's Republic of China*

for technical competence in the field of

## Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 5<sup>th</sup> day of January 2015.



President & CEO  
For the Accreditation Council  
Certificate Number 3101.01  
Valid to December 31, 2016

*For the types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*