



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **STQ TESTING SERVICES CO., LTD.**

1# BUILDING, 15# YINZHU ROAD, HIGH-TECH ZONE  
SUZHOU, JIANGSU, GUA 215000, CHINA

### **Testing Laboratory TL-532**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date October 16, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## STQ TESTING SERVICES CO., LTD.

[www.stq-cert.com](http://www.stq-cert.com)

**Contact Name** Leo Qin

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**Accredited to** ISO/IEC 17025:2017

**Effective Date** October 16, 2025

Chemical/Environmental	
16 CFR Part 1130	Requirements for Consumer Registration of Durable Infant or Toddler Products
16 CFR Part 1239	Safety Standard for Gates and Enclosures
16 CFR Part 1610	Standard For the Flammability of Clothing Textiles
AOAC 973.32:2005	Lead and Cadmium Extracted from Ceramic Ware (ICP-MS) (Extractable Pb and Cd content)
AS/NZS ISO 8124.1:2023	Safety of toys Part 1: Safety aspects related to mechanical and physical properties
AS/NZS ISO 8124.2:2023	Safety of toys, Part 2: Flammability
AS/NZS ISO 8124.3:2021 Amd 1:2023	Safety of Toys, Part 3: Migration of certain elements
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 (ICP-MS) (Extractable Pb and Cd content)
ASTM F1004-23	Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures
ASTM F1235-18	Standard Consumer Safety Specification for Portable Hook-On Chairs
ASTM F1816-18	Standard Safety Specification for Drawstrings on Children's Upper Outerwear
ASTM F1821-19e2	Standard Consumer Safety Specification for Toddler Beds
ASTM F2923-20	Standard Specification for Consumer Product Safety for Children's Jewelry (Nickel release)
ASTM F2923-20	Standard Specification for Consumer Product Safety for Children's Jewelry (Total Lead)
ASTM F963-23	Specification for Migration of Certain Elements (Total Lead) (clause 8.3 only)
ASTM F963-23	Consumer Safety Specification for Toy Safety Item 4.3.5 Paint and Similar Surface-Coating Materials (Soluble Pb, Cd, Cr, Hg, As, Se, Sb, Ba) (clause 8.3 only)

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ASTM F963-23	Consumer Safety Specification for Toy Safety (only clauses: 4.1, 4.2, 4.3.7, 4.6 through 4.24, 4.26 through 4.28, 4.30 through 4.41, 5, 6, and 7)
BfR Recommendations LI	Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils 1. Total fluorine: 2. Specific Migration of Phenolic substance 3. Organic nitrogen Specific Migration of Lithium, Trivalent chromium, Hexavalent chromium
BfR Recommendations XV BfR Recommendation, version 2 stand: 09/2023 58th Communication on Testing of Plastics in Bundesgesundheitsblatt 40 (1997) 412	XV for Silicones material 1. Organic Volatile Matter (VOM) 2. Platinum and Titanium content Peroxide value
BS EN 71-1:2014+A1:2018	Safety of toys. Mechanical and physical properties
BS EN 71-2:2020	Safety of toys. Flammability
BS EN 71-3:2019+A1:2021	Safety of toys. Migration of certain elements
Canadian product safety reference manual book 5	Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) (C02.2.1) Effective 2021-06-02
Canadian product safety reference manual book 5	Determination of Total Lead in Surface Coating Materials in Consumer Products by ICP-OES (C02.2.2) Effective 2020-01-23
Canadian product safety reference manual book 5	Determination of Total Lead and Cadmium in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.3.1) Effective 2021-02-22
Canadian product safety reference manual book 5	Determination of Total Lead in Plastic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.3.2) Effective 2021-02-22
Canadian product safety reference manual book 5	Determination of Total Lead and Cadmium in Metallic Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.4.1) Effective 2019-03-15
Canadian product safety reference manual book 5	Determination of Total Cadmium in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (C02.7) Effective 2020-05-05
Canadian product safety reference manual book 5	Determination of Migratable Arsenic (As), Barium (Ba), Cadmium (Cd), Antimony (Sb), and Selenium (Se) in Applied Surface Coating Materials by ICP-OES (C08.1) Effective 2022-10-18
Canadian product safety reference manual book 5	Determination of migratable lead in consumer products (C08) Effective 2014-01-06
Canadian product safety reference manual book 5	Determination of Leachable Lead in Kettles by ICP-MS(C09) Effective 2019-06-11

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Canadian product safety reference manual book 5	Determination of leachable lead and cadmium from glazed ceramics and glassware by flame atomic absorption spectrometer (C10) Effective 2017-10-20
Canadian product safety reference manual book 5	Laboratory policies and procedures, part B: test methods section C-34 (2018-07-19) Canada Consumer Products Safety (S.C.2010, C.21/Phthalates Regulations SOR/2016-188 (Phthalates (DBP, BBP, DEHP, DINP, DNOP, DIDP))
COMMISSION REGULATION (EU) No. 10/2011 and Amendments	Commission Regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food  ANNEX II – Restrictions on Plastic Materials and Articles CHAPTER 1 – Testing for Specific Migration of Materials and Articles Already in Contact with Food 1. Specific migration of Heavy Metals 2. Specific migration of Primary Aromatic Amines (PAA) 3. Specific migration of Bisphenol A (BPA) 4. BPA content 5. Specific migration of 1-Octene 6. Specific migration of 1-Hexene 7. Specific migration of residual 1,3-Butadiene 8. 1,3-Butadiene content 9. Specific migration of Acrylonitrile 10. Specific migration of Acetaldehyde 11. Specific migration of Terephthalic Acid 12. Specific migration of Ethylene Glycol 13. Specific migration of TMCD (Tetramethylcyclobutanediol) 14. Specific migration of Caprolactam 15. Specific migration of Hexamethylenediamine Specific migration of Melamine
CPSC-CH-C1001-09.4	Standard Operating Procedure for Determination of Phthalates (Phthalates DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)
CPSC-CH-E1001-08.3	Operation Procedure – Determination to Total Lead in Child Metal Product (including Children's Metal Jewelry) (Total Lead)
CPSC-CH-E1002-08.3	Operating Procedure for Determining Total Lead (Pb) in Non-metal Children's Products (Total Lead)
CPSC-CH-E1003-09.1	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (Total Lead)
CPSC-CH-E1004-11	Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry (Soluble Cd) (ICP-OES)
DIN 10955	Sensory analysis - Testing of food contact materials and articles (FCM)
EDQM 2nd Edition 2024	Technical Guide for Metals and Alloys Used in Food Contact Materials and Articles Chapter 3 - Release testing of food contact materials and articles made from metals and alloys
EN 13130-1	Materials and Articles in Contact with Foodstuffs

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	Plastics substances subject to limitation – Part 1: Guide to test methods for specific migration of substances from plastics into foods and food simulants, determination of substances in plastics, and selection of conditions of exposure to food simulants
FDA 21 CFR 176.170	Paper and paperboard (evaporation residue)
FDA 21 CFR 177.1210	Closure with sealing gaskets (evaporation residue)
FDA 21 CFR 177.1350	Ethylene-vinyl Acetate Copolymers (evaporation residue)
FDA 21 CFR 177.1460	Melamine-formaldehyde Resins in Molded Articles (evaporation residue)
FDA 21 CFR 177.1500	PA Resin (evaporation residue)
FDA 21 CFR 177.1520	Olefin polymers (evaporation residue)
FDA 21 CFR 177.2420	Polyester Resins, Cross Linked (evaporation residue)
FDA 21 CFR 177.2600	Rubber articles (evaporation residue)
FDA CPG 7117.06	Pottery (Ceramics) Imported and Domestic - Cadmium Contamination (ICP-MS) (Extractable Pb and Cd content)
FDA CPG 7117.07	Pottery (Ceramics); Imported and Domestic - Lead Contamination (ICP-MS) (Extractable Pb and Cd content)
SOR/2011-17	Toys Regulations (SOR/2011-17) Clauses 4, 7 through 18, 23, 27 through 31, 36, 39 through 44, and 46
SOR/2016-175	Glazed Ceramics and Glassware Regulations (SOR/2016-175) (Extractable Pb and Cd content)
SOR/2016-181	Kettles Regulations (SOR/2016-181) (Extractable Pb content)
SOR/2016-193	Surface Coating Materials Regulations (SOR/2016-193) (Total Lead and mercury)
SOR/2018-82	Children's Jewelry Regulations (SOR/2018-82) (Total Lead and cadmium)
SOR/2018-83	Consumer Products Containing Lead Regulations (SOR/2018-83) (Total Lead)
<b>ASTM F963-23, Standard Consumer Safety Specification for Toy Safety</b>	
Section 4.5	Sound-producing Toys
Section 4.25	Battery-operated Toys

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