



CERTIFICATE OF ACCREDITATION

This is to attest that

STQ TESTING SERVICES CO., LTD.

1# BUILDING, 15# YINZHU ROAD, HIGH-TECH ZONE, SUZHOU
JIANGSU 215000, PEOPLE'S REPUBLIC OF 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 April 10, 2020



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

STQ TESTING SERVICES CO., LTD.

www.stq-cert.com

Contact Name Leo Qin

Contact Phone +86-51262956892

Accredited to ISO/IEC 17025:2017

Effective Date April 10, 2020

Chemical/Environmental	
AOAC 973.32:2005	Lead and Cadmium Extracted from Ceramic Ware (ICP-MS) (Extractable Pb and Cd content)
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 F963-17	Specification for Migration of Certain Elements (Total Lead) (clause 8.3 only)
ASTM F963-17	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)
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)
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))
CPSC-CH-C1001	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)

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EN 71-3:2019	Safety of toys - Part 3 : migration of certain elements (Soluble heavy metal) (ICP-OES)
EN 71-3:2019	Safety of toys - Part 3 : migration of certain elements (Annex I) (HPLC-ICP-MS only for CrIII and CrVI)
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 (overall migration)
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 (overall migration) (Total Immersion Method and Article Filling Method only)
EN 1186-9	Materials and Articles in Contact with Foodstuffs-Plastics - Part 9: Test Methods for Overall Migration into Aqueous Food Stimulants by Article Filling (overall migration)
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 (overall migration) (Total Immersion Method and Article Filling Method only)
EN 12586	Child use and care articles - Soother holder - Safety requirements and test methods (Phthalates (DBP, BBP, DEHP, DINP, DNOP, DIDP))
EN 14372	Child Use and Care Articles - Cutlery and Feeding Utensils - Safety Requirements and Tests (Phthalates (DBP, BBP, DEHP, DINP, DNOP, DIDP)) (Clause 6.3.2 only)
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)
Mechanical/Physical	

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ASTM F963-17	Consumer Safety Specification for Toy Safety (only clauses: 4.1 Material Quality, 4.6 Small objects, 4.7 Accessible Edges, 4.8 Projections, 4.9 Accessible Points, 4.10 Wires or Rods, 4.11 Nails and Fasteners, 4.12 Plastic Film, 4.17 Wheels, Tires, and Axles, 4.18 Holes, Clearances, and Accessibility of mechanisms, 4.24 Squeeze Toys, 4.26 Toys Intended to be attached to a Crib or Playpen, 4.27 Stuffed and Beanbag-Type Toys, 4.31 Balloons, 4.32 Certain Toys with Spherical Ends, 4.33 Marbles, 4.34 Balls, 4.35 Pompoms, 4.36 Hemispheric-Shaped Objects, 5 Safety Labeling Requirements, 6 Instructional Literature, 7 Producer's Markings)
ASTM F963-17	Consumer Safety Specification for Toy Safety (only Section 4.2 A5 Flammability Testing Section)
BS 7272-1	Writing and marking instruments - Part 1: Specification for caps to reduce the risk of asphyxiation (caps)
BS 7272-2:2008 + A1:2014	Writing and marking instruments –Part 2: Specification for end closures to reduce the risk of asphyxiation (end closures)
BS EN 15284	Materials and articles in contact with food stuffs - Test method for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastic cookware (Resistance to microwave heating)
Cookware Manufacturers Association	Engineering Standards For Engineering Standards or Cookware & Bakeware (Performance test)
EN 71-1	Safety of Toys--Part 1 : Mechanical and Physical Properties (only clauses 4.1 Material Cleanliness, 4.2 Assembly, 4.3 Flexible Plastic Sheeting, 4.4 Toy Bags, 4.5 Glass, 4.6 Expanding Materials, 4.7 Edges, 4.8 Points and Metallic, Wires, 4.9 Protruding Parts, 4.12 Balloons, 4.22 Small Balls, 5.1 General Requirements, 5.2 Soft-filled Toys and Soft Filled Parts of a Toy, 5.3 Plastic Sheeting, 5.4 Cords, Chains and Electrical Cables in Toys, 5.7 Glass and Porcelain, 5.8 Shape and Size of Certain Toys, 5.9 Toys Comprising Monofilament Fibers, 5.10 Small Balls, 5.11 Play Figures, 5.12 Hemispheric-shaped Toys, 6 Packing , 7 Warning, Marking and Instructions for Use.)
EN 71-2:2011+A1:2014	Safety of Toys — Part 2 Flammability (Excluding Clause: 4.1 Flammable Gases, Extremely Flammable Liquids, High Flammable Liquids, Flammable Liquids and Flammable Gels)
EN 12875-1	Mechanical dishwashing resistance of utensils — Part 1: Reference test method for domestic articles (Dishwashing resistance)
EN 12983-1:2000+A1:2004	Cookware - Domestic cookware for use on top of a stove, cooker or hob - Part 1: General requirements (Performance test)
Safety	
UL 1017	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines (only Clause 5)
UL 1310	Class 2 Power Units (only Clause 25 to Clause 47)