



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **UL VS HONG KONG LTD.**

16-17/F & 26/F, 2601-2612 & 2620-2621, TOWER B, REGENT CENTRE, 63 WO YI HOP ROAD  
KWAI CHUNG, HONG KONG

### **Testing Laboratory TL-1086**

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 January 5, 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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## UL VS HONG KONG LTD.

[www.ul.com](http://www.ul.com)

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*Accredited to ISO/IEC 17025:2017*

*Effective Date January 5, 2025*

Chemistry	
21 CFR Part 175.300(e)	Resinous and Polymeric Coatings
21 CFR Part 176.170(d)	Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods
21 CFR Part 177.1010	Acrylic and Modified Acrylic Plastics, Semi-Rigid and Rigid
21 CFR Part 177.1210(c)	Closures with Sealing Gaskets for Food Containers
21 CFR Part 177.1350(b)	Ethylene-Vinyl Acetate Copolymers
21 CFR Part 177.1460(c)	Melamine-Formaldehyde Resins in Molded Articles
21 CFR Part 177.1500(d)	Nylon Resins
21 CFR Part 177.1520(d)	Olefin Polymers
21 CFR Part 177.1580(c)	Polycarbonate Resins
21 CFR Part 177.1630(f), (g), & (i)	Polyethylene Phthalate Polymers
21 CFR 177.1640(c)&(d)	Polystyrene and Rubber-Modified Polystyrene
21 CFR Part 177.1810(b)	Styrene Block Polymers
21 CFR Part 177.1820	Styrene-Maleic Anhydride Copolymers
21 CFR Part 177.1830(b)	Styrene-Methyl Methacrylate Copolymers
21 CFR Part 177.1900(c)	Urea-Formaldehyde Resins in Molded Articles
21 CFR Part 177.2355	Mineral Reinforced Nylon Resins
21 CFR Part 177.2420(c)	Polyester Resins, Cross-Linked
21 CFR Part 177.2470(d)	Polyoxymethylene Copolymer
21 CFR Part 177.2480	Polyoxymethylene Homopolymer
21 CFR Part 177.2600(e)&(f)	Rubber Articles Intended for Repeated Use

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21 CFR Part 181.32	Acrylonitrile Copolymers and Resins
ANSI/UL4200A-2023	Standard for Safety of Products Incorporating Buton Batteries or Coin Cell
AOAC 973.32	Determination of Lead and Cadmium Extracted from Ceramicware & Glassware
ASTM C738	Determination of Lead and Cadmium Extracted from Ceramicware & Glassware
ASTM C927	Determination of Lead and Cadmium Extracted from Ceramicware & Glassware
ASTM D7359-23	Standard Test Method for Total Fluorine, Chlorine and Sulfur in Aromatic Hydrocarbons and Their Mixtures by Oxidative Pyrohydrolytic Combustion followed by Ion Chromatography Detection (Combustion Ion Chromatography-CIC)
EN 17813:2023	Environmental solid matrices – Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography
ASTM F963-17 Section 4.3.3.2	Determination of Lead and Cadmium Extracted from Ceramicware & Glassware
EN 71-9:2005+A1:2007 2H Preservative  (Test method refer to EN 71-10:2005 and EN 71-11:2005)	Safety of toys – Part 9: Organic chemical compounds – Requirements Copyright Safety of toys – Part 10: Organic chemical compounds – Sample preparation and extraction (Liquid samples) Safety of toys – Part 11: Organic chemical compounds – Methods of analysis (section 5.5 and 5.7)
EN 1186-1:2002 EN 1186-3:2002 EN 1186-9:2002 EN 1186-12:2002 EN 1186-13:2002 EN 1186-14:2002	Materials and articles in contact with foodstuffs - Plastics - Overall Migration
EN 1388-1:1995 EN 1388-2:1995	Extractable Lead and Cadmium Content (Interior Surface) from Ceramicware & Glassware
EN 13130-1:2004 Following ICP-MS analysis	Materials and articles in contact with foodstuffs - Plastics - Specific Migration of Heavy Metal
EUR 24815 Technical guidelines on testing the migration of primary aromatic amines from polyamide kitchenware and of formaldehyde from melamine kitchenware 1st Edition, 2011	Materials and articles in contact with foodstuffs - Plastics - Specific Migration of Primary Aromatic Amines (PAAs)



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GB/T 26572-2011	Requirements on concentration limits for certain restricted substances in electrical and electronic products
IEC 62321-1:2013 IEC 62321-2: 2013 IEC 62321-3-1:2013 IEC 62321-4:2013 +AMD1:2017 IEC 62321-5:2013 IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017	Lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers, Phthalates in Electronic and electrical products
GB/T 39560.1-2020 GB/T 39560.2-2020 GB/T 39560.301-2020 GB/T 39560.4-2021 GB/T 39560.5-2021 GB/T 39560.6-2020 GB/T 39560.701-2020 GBT/39560.702-2021 GBT/39560.8-2021	Lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers, Phthalates in Electronic and electrical products
IEC 62321-3-2:2020	Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC)
ISO 18219-1:2021	Short Chain Chlorinated Paraffin (SCCP)
Technical Guideline for Metals and alloys used in food contact materials and articles, 2nd Edition, 2024, EDQM	Materials and articles in contact with foodstuffs - Metals and alloys
Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the course of awarding the GS mark-Specification pursuant to article 21(1) no.3 of the Product Safety Act (ProdSG) AfPS GS 2019:01 PAK	Polycyclic aromatic hydrocarbons (PAHs)
EN 71-10:2005	Bisphenol A



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EN 71-11: 2005 DIRECTIVE 2017/898/EC	(Amending Appendix C of Annex II to Directive 2009/48/EC Toy Safety Directive)
DIRECTIVE 2009/48/EC	Flame retardants - TCEP, TCPP and TDCP (Amending Appendix C of Annex II to Directive 2009/48/EC Toy Safety Directive) Test method: Solvent extraction / GC-MS
DIRECTIVE 2015/2115/EC	Formamide (Amending Appendix C of Annex II to Directive 2009/48/EC Toy Safety Directive) Test method of Formamide content: Solvent extraction / GC-MS
<b>Toy Safety</b>	
16 CFR 1500.18(a)(17)	Identification of mechanical hazard of small balls
16 CFR 1500.19	Misbranded toys and other articles intended for use by children
16 CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age
16 CFR 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age
16 CFR 1500.50	Test methods for simulating use and abuse of toys and other articles intended for use by children
16 CFR 1500.51	Test methods for simulating use and abuse of toys and other articles intended for use by children 18 months of age or less
16 CFR 1500.52	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age
16 CFR 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age
16 CFR 1501	Method for Identifying Toys and Other Articles Intended for Use by Children Under 3 Years of Age Which Present Choking, Aspiration, or Ingestion Hazards Because of Small Parts
16 CFR 1510	Requirements for Rattles
16 CFR 1610	Standard for the Flammability of Clothing Textiles
16 CFR Part 1263	Safety Standard for Button Cell or Coin Batteries and Consumer Products Containing Such Batteries
CPSA, 15 U.S.C. §2063(a)(5)	Tracking Label Requirement for Children's Products Section 14(a)(5) of the Consumer Product Safety Act (CPSA, 15 U.S.C. §2063(a)(5))
<b>ASTM F963-23, Standard Consumer Safety Specification for Toy Safety</b>	
Section 4.1	Material Quality





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Section 4.2	Flammability
Section 4.3.3.2	Determination of Lead and Cadmium Extracted from Ceramicware & Glassware
Section 4.3.5.1	Paint and Similar Surface-coating Materials
Section 4.3.5.2	Toy Substrate Materials
Section 4.3.6	Cleanliness of Liquids, Pastes, Putties, Gels, and Powders, and Items of Avian Feather Origin (except for cosmetics and tests on formulations used to prevent microbial degradation).
Section 4.3.7	Stuffing Materials
Section 4.3.8	Determination of Phthalates in plasticized component of toy
Section 4.5	Sound Producing Toys (Exclude 4.6.2 Mouth-actuated Toys)
Section 4.6	Small Toys (except labeling and/or instructional literature requirements and Mouth-actuated Toys)
Section 4.7	Accessible Edges (except labeling and/or instructional literature requirements)
Section 4.8	Projections (exclude 4.8.1 bath toy projections)
Section 4.9	Accessible Points (except labeling and/or instructional literature requirements)
Section 4.10	Wires or Rods
Section 4.11	Nails and Fasteners
Section 4.12	Plastic Film
Section 4.13	Folding Mechanisms and Hinges
Section 4.14	Cords, Straps, and Elastics
Section 4.15	Stability and Overload Requirements
Section 4.16	Confined Spaces
Section 4.17	Wheels, Tires, and Axles
Section 4.18	Holes, Clearances, and Accessibility of Mechanisms
Section 4.19	Simulated Protective Devices (except labeling and/or instructional literature requirements)
Section 4.20	Toy Pacifiers (Exclude 4.20.1 Pacifiers with rubber nipples shall conform to the nitrosamine levels as specified in Specification F1313)
Section 4.21	Projectile Toys



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Section 4.22	Teethers and Teething Toys
Section 4.23	Rattles
Section 4.24	Squeeze Toys
Section 4.25	Battery-Operated Toys (exclude labeling and/or instructional literature Requirements and Battery-powered Ride-on Toys and 4.25.9 Battery-powered Ride-on Toys)
Section 4.26	Toys Intended to Be Attached to a Crib or Playpen (except labeling and/or instructional literature requirements)
Section 4.27	Stuffed and Beanbag-Type Toys
Section 4.30	Toy Gun Marking
Section 4.32	Certain Toys with Nearly Spherical Ends
Section 4.35	Pompoms
Section 4.36	Hemispheric-Shaped Objects
Section 4.37	Yo-Yo Elastic Tether Toys
Section 4.38	Magnets (except labeling and/or instructional literature requirements)
Section 4.39	Jaw Entrapment in Handles and Steering Wheels
Section 4.40	Expanding Materials
Section 4.41	Toy Chests (except labeling and/or instructional literature requirements)
Section 8	Test Methods (Exclude 8.2 Testing for Hazardous Substance Content, 8.4 Tests for Cleanliness and Preservative Effectiveness, 8.13 Test Methods for Mouth-actuated Toys and Mouth-actuated Projectile Toys & 8.28.3 Multi-seating & standing test)

