



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Eurofins Product Testing US, Inc.
11822 North Creek Parkway N #110, Bothell, WA 98011

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical and Mechanical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

April 18, 2016

Issue Date:

April 11, 2020

Expiration Date:

May 31, 2022

Accreditation No.:

88494

Certificate No.:

L20-199

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

Eurofins Product Testing US, Inc.

11822 North Creek Parkway N #110, Bothell, WA 98011

Contact Name: Jong Mi Kim Phone: 425-686-3575

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Toys	Total Heavy Metals (Sb, As, Ba, Cd, Cr, Pb, Hg, Se)	4.3.5.1(2) & 4.3.5.2 (ASTM F963-17), ICPMS	1 mg/kg to 1 000 mg/kg
		Soluble Heavy Metals (Sb, As, Ba, Cd, Cr, Pb, Hg, Se, Al, B, Co, Cu, Mn, Ni, Sr, Sn, Zn)	4.3.5.1(2) & 4.3.5.2 (ASTM F963-17), EN 71-3:2019 ICPMS	Analytical Range: Cr: 0.005 mg/kg to 10 mg/kg Sb, As, Ba, Cd, Pb, Hg, Se, Co, Cu, Mn, Ni, Sr, Sn: 0.05 mg/kg to 10 mg/kg Zn, Al, B: 1 mg/kg to 10 mg/kg
	Children's Non-metal Products	Total Lead (Pb)	CPSC-CH-E1002-08.3, ICPMS	1 mg/kg to 1 000 mg/kg
	Children's Metal Products	Total Lead (Pb)	CPSC-CH-E1001-08.3 ICPMS	1 mg/kg to 1 000 mg/kg
	Children's Toys and Child Care Articles	Phthalates	CPSC-CH-C1001-09.3, CPSC-CH-C1001-09.4	50 mg/kg to 1 000 mg/kg
Chemical ^{FO}	Children's Non-metal Products	Total Lead (Pb)	CPSC-CH-E1002-08.3, HDXRF	5 mg/kg to 1 200 mg/kg
	Toys	Total Heavy Metals (Sb, As, Ba, Cd, Cr, Pb, Hg, Se)	4.3.5.1(2) & 4.3.5.2 (ASTM F963-17), HDXRF	5 mg/kg to 1 200 mg/kg
	Children's Metal Products	Total Lead (Pb)	CPSC-CH-E1001-08.3 HDXRF	10 mg/kg to 1 200 mg/kg
	Paint and Surface Coatings	Total Lead (Pb)	CPSC-CH-E1003-09.1 ICPMS	1 mg/kg to 1 000 mg/kg
		Total Lead (Pb)	CPSC-CH-E1003-09.1 / ASTM F2853-10 (2015) HDXRF	8 mg/kg to 1 200 mg/kg
Mechanical ^F	Children's Toys	Material Quality	4.1 (ASTM F963-17)	Observation
		Stuffing Materials	4.3.7 (ASTM F963-17)	PASS/FAIL
		Small Parts / Small Objects	4.6 (ASTM F963-17) 16 CFR 1501	PASS/FAIL
		Accessible Edges / Sharp Edges	4.7 (ASTM F963-17) 16 CFR 1500.49	PASS/FAIL
		Projections (except bath toy projections)	4.8 (ASTM F963-17)	PASS/FAIL
		Accessible Points / Sharp Points	4.9 (ASTM F963-17) 16 CFR 1500.48	PASS/FAIL
		Wires or Rods	4.10 (ASTM F963-17)	PASS/FAIL
		Nails and Fasteners	4.11 (ASTM F963-17)	PASS/FAIL
		Plastic Film	4.12 (ASTM F963-17)	Range = 0 mm to 10 mm D.L. = 0.001 mm



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Mechanical ^F	Children's Toys	Folding Mechanisms and Hinges	4.13 (ASTM F963-17)	PASS/FAIL
		Cords, Straps, and Elastics	4.14 (ASTM F963-17)	PASS/FAIL
		Stability and Overload Requirements	4.15 (ASTM F963-17)	PASS/FAIL
		Confined Spaces	4.16 (ASTM F963-17)	PASS/FAIL
		Wheels, Tires, and Axles	4.17 (ASTM F963-17)	PASS/FAIL
		Holes, Clearances, and Accessibility of Mechanisms	4.18 (ASTM F963-17)	PASS/FAIL
		Simulated Protective Devices	4.19 (ASTM F963-17)	PASS/FAIL
		Toy Pacifiers	16 CFR 1511 4.20.2 (ASTM F963-17)	PASS/FAIL
		Teethers and Teething Toys	4.22 (ASTM F963-17)	PASS/FAIL
		Rattles	16 CFR 1510 4.23.1 (ASTM F963-17)	PASS/FAIL
		Squeeze Toys	4.24 (ASTM F963-17)	PASS/FAIL
		Toys Intended to Be Attached to a Crib or Playpen	4.26 (ASTM F963-17)	PASS/FAIL
		Stuffed and Beanbag-Type Toys	4.27 (ASTM F963-17)	PASS/FAIL
		Toy Gun Marking	4.30 (ASTM F963-17)	PASS/FAIL
		Certain Toys with Nearly Spherical Ends	4.32 (ASTM F963-17)	PASS/FAIL
		Balls	4.34 (ASTM F963-17) 16 CFR 1500.18(a)(17)	PASS/FAIL
		Pompoms	4.35 (ASTM F963-17)	PASS/FAIL
		Hemispheric-Shaped Objects	4.36 (ASTM F963-17)	PASS/FAIL
		Magnets	4.38 (ASTM F963-17)	PASS/FAIL
		Jaw Entrapment in Handles and Steering Wheels	4.39 (ASTM F963-17)	PASS/FAIL
Expanding Materials	4.40 (ASTM F963-17)	PASS/FAIL		
Impact	8.7.1 & 8.7.4 (ASTM F963-17) 16 CFR 1500.51 – 53(b)	PASS/FAIL		
Tip-Over Test for Large, Bulky Toys	8.7.2 (ASTM F963-17) 16 CFR 1500.51 – 53(b)	PASS/FAIL		
Tumble Test for Wheeled Toys	8.7.3 (ASTM F963-17)	PASS/FAIL		



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Mechanical ^F	Children's Toys	Torque	8.8 (ASTM F963-17) 16 CFR 1500.51 – 53(e)	PASS/FAIL
		Tension	8.9 (ASTM F963-17) 16 CFR 1500.51 – 53(f)	PASS/FAIL
		Compression	8.10 (ASTM F963-17) 16 CFR 1500.51 – 53(g)	PASS/FAIL
		Flexure	8.12 (ASTM F963-17) 16 CFR 1500.51 – 53(d)	PASS/FAIL
		Flammability of Solids and Soft Toys	Annex V (ASTM F963-17) 16 CFR 1500.44	D.L. = 0.1 in./sec Observation

1. The presence of a superscript FO means that the laboratory performs testing of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer ^{FO} would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.
2. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer ^F would mean that the laboratory performs this testing at its fixed location.

