



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Analytical Division, Benchmark Laboratories, LLC
15 Corporate Drive, Units 8 & 9, Wayne, NJ 07470

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

ISO/IEC 17025:2005

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:

August 9, 2011

Revision Date:

October 24, 2018

Issue Date:

October 10, 2017

Accreditation No.:

69555

Expiration Date:

October 10, 2019

Certificate No.:

L17-430-R1

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

Analytical Division, Benchmark Laboratories, LLC

55 Haul Road, Wayne, NJ 07470

Contact Name: David Esral Phone: 973-872-8400

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	Children's Metal Products (including Children's Metal Jewelry)	Lead and Other Metals	CPSC-CH-E1001-08 CPSC-CH-E1001-08.3	1 mg/kg (1 ppm)
	Metals, Polymers	Metals	ICP ² BL101 BL102	
	Non-Metal Children's Products (including Plastic Products)	Lead and Other Metals	CPSC-CH-E1002-08 CPSC-CH-E1001-08.3	
	Organic Compounds	Extractable Organic Compounds	GC-MS ² BL201 BL202	Quantitation Limit: 350 ppm D.L. = 35 ppm
	Paint and Other Similar Surface Coatings	Lead and Other Metals	16 CFR Part 1303 CPSC-CH-E1003-09 CPSC-CH-E1003-09.1 ASTM E1613 ASTM E1645	1 mg/kg (1 ppm)
	Paint, Dust, Soils, Particulates		ICP ² ASTM E1613 ASTM E1645	
	PVC and other Plastics	Phthalates	CPSC-CH-C1001-09.3 ASTM-D7083 GC-MS	Quantitation Limit: 350 ppm D.L. = 35 ppm
		Plasticizers	ASTM D7083 GC-MS	
Mechanical ^F	Children's Toys, Jewelry, Pacifiers, Rattles (except for items listed in 1.4)	Use	ASTM F963-17, Clause 8.5	Qualitative/Visual
		Abuse	ASTM F963-17, Clause 8.6	
		Torque	ASTM F963-17, Clause 8.8	
		Impact	ASTM F963-17, Clause 8.7.1	
		Stability	ASTM F963-17, Clause 8.15	
		Pompoms	ASTM F963-17, Clause 8.16	
		Loops and Chords & Yo Yo	ASTM F963-17, Clause 8.23 & 8.24	
		Locking Mechanisms	ASTM F963-17, Clause 8.26	



Certificate of Accreditation: Supplement

Analytical Division, Benchmark Laboratories, LLC

55 Haul Road, Wayne, NJ 07470

Contact Name: David Esral Phone: 973-872-8400

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
Mechanical ^F	Children's Toys, Jewelry, Pacifiers, Rattles (except for items listed in 1.4)	Sharp Points/Projections/ Accessible Points/Wires or Rods/Nails and Fasteners/	ASTM F963-17, Clause 4.8 - 4.11	Qualitative/Visual
		Choke Test	ASTM F963-17, Clause 4.6	
		Sharp/Accessible Edges	ASTM F963-17, Clause 4.7	
		Small Parts	ASTM F963-17, Clause 4.6 (excluding mouth actuated toys) 16CFR1501	
		Flexure Tests	ASTM F963-17, Clause 8.12	
		Breakaway Features	ASMT F2923-14, Clause 13.1	
		Material Quality	ASTM F963-17, Clause 4.1	
		Folding Mechanisms and Hinges	ASTM F963-17, Clause 4.13	
		Cords, Straps, and Elastics	ASTM F963-17, Clause 4.14	
		Confined Spaces	ASTM F963-17, Clause 4.16	
		Wheels, Tires and Axles	ASTM F963-17, Clause 4.17	
		Holes, clearance and Accessibility of Mechanism	ASTM F963-17, Clause 4.18	
		Simulated Protective Devices	ASTM F963-17, Clause 4.19	
		Teethers and Teething Toys	ASTM F963-17, Clause 4.22	
		Rattles	ASTM F963-17, Clause 4.23	
		Squeeze Toys	ASTM F963-17, Clause 4.24	
Toys Intended to be Attached to Crib or Playpen	ASTM F963-17, Clause 4.26			



Certificate of Accreditation: Supplement

Analytical Division, Benchmark Laboratories, LLC

55 Haul Road, Wayne, NJ 07470

Contact Name: David Esral Phone: 973-872-8400

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	
Mechanical ^F	Children's Toys, Jewelry, Pacifiers, Rattles (except for items listed in 1.4)	Stroller and Carriage Toys	ASTM F963-17, Clause 4.28	Qualitative/Visual	
		Toy Gun Marking	ASTM F963-17, Clause 4.30		
		Balloons	ASTM F963-17, Clause 4.31		
		Certain Toys with Nearly Spherical Ends	ASTM F963-17, Clause 4.32		
		Marbles	ASTM F963-17, Clause 4.33		
		Balls	ASTM F963-17, Clause 4.34		
		Pompoms	ASTM F963-17, Clause 4.35		
		Hemispheric-Shaped Objects	ASTM F963-17, Clause 4.36		
		Jaw Entrapment in Handles and Steering Wheels	ASTM F963-17, Clause 4.39		
		Expanding Materials	ASTM F963-17, Clause 4.40		
		Labeling Requirements	ASTM F963-17, Clause 5		
		Instructional Literature	ASTM F963-17, Clause 6		
		Producers Markings	ASTM F963-17, Clause 7		
		Material Quality	ASTM F963-17, Clause 4.1		
		Magnets	ASTM F963-17, Clause 4.38		Magnetic Flux index: 50 KG ² mm ²
		Tension	ASTM F963-17, Clause 8.9		Up to 100 lb D.L. = 0.1 lb
		Compression	ASTM F963-17, Clause 8.10		
		Tire Removal and Snap In Wheel and Axle Assembly Removal	ASTM F963-17, Clause 8.11		
		Bite Test	16CFR1500.51-53(c)		
		Compression			
Stuffed and Beanbag-Type Toys	ASTM F963-17, Clause 4.27				



Certificate of Accreditation: Supplement

Analytical Division, Benchmark Laboratories, LLC

55 Haul Road, Wayne, NJ 07470

Contact Name: David Esral Phone: 973-872-8400

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
Mechanical ^F	Children's Toys, Jewelry, Pacifiers, Rattles (except for items listed in 1.4)	Stalled Motor Test for battery operated toys	ASTM F963-17, Clause 8.17	Max. Temperature of battery surface: 75 °C D.L. = 0.1 °C
		Magnets	ASTM F963-17, Clause 8.25	Up to 30 kg D.L. = 0.01 kg
		Projectile Toys (excluding mouth actuated projectiles)	ASTM F963-17, Clause 4.21	KE: Up to 0.08 J KED: Up to 2 500 J/m ² D.L. = 0.0005 J
		Projectiles	ASTM F963-17, Clause 8.14	
		Plastic Film	ASTM F963-17, Clause 4.12	Up to 0.001 5 in (Minimum thickness) D.L. =0.000 04 in
		Flammability	ASTM F963-17, Clause 4.2 & Annex.6	Observation D.L. =0.1 in/s
	Textiles		ASTM F963-17 4.2 16CFR1610 for textiles	Observation Max. Burn time: 7 s
	Solids	Flammability of Solids	16CFR1500.3.xxx	Observation Max. Burn rate: 0.1 in/s
	Children's Toy Battery Products	Accessibility Test	Refer to 16 CFR1500.48/49 accessibility	Qualitative/Visual
Children's Toy Battery Products	Battery Operation	ASTM F963-17, Clause 4.25 (Excluding 4.25.10, 4.25.11)	Max. Temperature of battery surface: 75 °C D.L. =0.1 °C	

- The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this calibration at its fixed location.