



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: January 31, 2021

Certificate Number: 4026.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on children's products<sup>1</sup>:

**Test:**

**Test Method(s):**

Accessibility

- Mattel QSOP 0006-3010;
- ASTM F963-17 (Sections 4.7, 4.9);
- Canada Consumer Product Safety Act, Specific Toxic Substances, Toys Regulations, SOR/2011-17 (Section 22);
- EN 71-1 (Sections 4.7, 4.8);
- ISO 8124-1 (Sections 4.7, 5.7);
- AS/NZ 8124 Part 1 (Sections 4.7, 5.7)

Sharp Points

- Mattel QSOP 0006-3020;
- ASTM F963-17 (Sections 4.9, 4.11, 8.6);
- 16 CFR (Section 1500.48);
- Canada Consumer Product Safety Act, Fastenings, Toys Regulations, SOR/2011-17 (Section 28);
- EN 71-1 (Sections 4.7, 4.8, 7.6, 8.12);
- ISO 8124-1 (Section 5.9);
- AS/NZ 8124 Part 1 (Section 5.9)

<sup>1</sup> The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.

**Test:**

**Test Method(s):**

Sharp Edges

- Mattel QSOP 0006-3030;
- ASTM F963-17 (Sections 4.7, 4.11, 8.6);
- 16 CFR (Section 1500.49);
- Canada Consumer Product Safety Act, Plastic Edges, Metal Edges, Fastenings, Toys Regulations, SOR/2011-17 (Sections 8, 10, 28);
- EN 71-1 (Sections 4.7, 4.8, 7.6, 8.11);
- ISO 8124-1 (Sections 4.6, 5.8);
- AS/NZ 8124 Part 1 (Sections 4.6, 5.8)

Projections

- Mattel QSOP 0006-3035;
- ASTM F963-17 (Sections 4.8, 4.11, 8.8, 8.9)
- Canada Consumer Product Safety Act, SOR/2016-179 (Section 4 (2));
- EN 71-1 (Section 4.9);
- ISO 8124-1 (Section 4.8);
- AS/NZ 8124 Part 1 (Sections 4.8)

Small Parts, Balls, and Marbles

- Mattel QSOP 0006-3040;
- ASTM F963-17 (Sections 4.6, 4.11, 4.34);
- 16 CFR. (Section 1501);
- Canada Consumer Product Safety Act, Small Parts, Small Parts Cylinder, Toys Regulations, SOR/2011-17 (Sections 7 (1), 30, SCHEDULE 1);
- EN 71-1 (Sections 4.11, 4.22, 5.10, 8.2);
- ISO 8124-1 (Sections 4.4, 4.5.2, 4.5.7);
- AS/NZ 8124 Part 1 (Section 4.4, 4.5.2, 4.5.7)

Choking, Suffocation and Hazardous Shapes

- Mattel QSOP 0006-3050;
- ASTM F963-17 (Sections 4.6, 4.32);
- 16 CFR (Sections 1500, 1510);
- EN 71-1 (Sections 5.12, A.50);
- ISO 8124-1 (Section 4.5)

**Test:**

**Test Method(s):**

Cup Shaped Objects

- Mattel QSOP 0006-3053;
- ASTM F963-17 (Section 4.36);
- EN 71-1 (Section 5.12)

Package Safety

- Mattel QSOP 0006-3056;
- ASTM F963-17 (Sections 4.12, 8.22);
- 16 CFR (Sections 1501);
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Sections 4, 27);
- EN 71-1 (Sections 6, A.56);
- ISO 8124-1 (Section 4.10)

Corners, Edges, Standing Walls, and Ribs

- Mattel QSOP 0006-3059;

Torque/Tension

- Mattel QSOP 0006-3060;
- ASTM F963-17 (Sections 8.8, 8.9);
- 16 CFR (Sections 1500.50-53);
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Section 40);
- EN 71-1 (Sections 8.3, 8.4, A.37);
- ISO 8124-1 (Sections 5.24.5, 5.24.6);
- AS/NZ 8124 Part 1 (Sections 5.24.5, 5.24.6)

Bite Test

- Mattel QSOP 0006-3080;
- 16 CFR (Sections 1500.51);

Compression

- Mattel QSOP 0006-3110;
- ASTM F963-17 (Section 8.10);
- 16 CFR (Sections 1500.50-1500.53);
- EN 71-1 (Section 8.8);
- ISO 8124-1 (Section 5.24.7);

**Test:**

**Test Method(s):**

Compression (*continued*)

- AS/NZ 8124 Part 1 (Section 5.24.7)

Drop and Tip-Over Test

- Mattel QSOP 0006-3120;
- ASTM F963-17 (Sections 8.6, 8.7.1, 8.7.2);
- 16 CFR 1501;
- Canada Consumer Product Safety Act, Drop Test Toys Regulations, SOR/2011-17 (SCHEDULE 3, 6, 9);
- EN 71-1 (Sections 8.5, 8.6);
- ISO 8124-1 (Sections 5.24.2, 5.24.3);
- AS/NZ 8124 Part 1 (Sections 5.24.2, 5.24.3)

Impact Test

- Mattel QSOP 0006-3130;
- EN 71-1 (Section 8.7, A.38)

Tumble Test

- Mattel QSOP 0006-3140;
- ASTM F963-17 (Section 8.7.3)

Handles and Steering Wheels

- Mattel QSOP 0006-3145;
- ASTM F963-17 (Section 4.39)

Static Strength

- Mattel QSOP 0006-3151;
- ASTM F963-17 (Sections 4.15);
- 16 CFR (Sections 1500.50- 1500.53);
- EN 71-1 (Sections 8.21);
- ISO 8124-1 (Section 4.15.2, 5.12.5, E.28);

Stability

- Mattel QSOP 0006-3152;
- ASTM F963-17 (Sections 4.15, 8.15);
- 16 CFR 1500
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Section 18);
- EN 71-1 (Section 8.23);

**Test:**

Stability (*continued*)

**Test Method(s):**

- ISO 8124-1 (Sections 4.15, 5.12);
- AS/NZ 8124 Part 1 (Sections 4.15, 5.12)

Static Strength – Product Likely but Not Intended to Support a Child’s Weight

- Mattel QSOP 0006-3153

Cords, Straps and Elastics

- Mattel QSOP 0006-3160;
- ASTM F963-17 (Section 4.14);
- Canada Consumer Product Safety Act, Elastics – Length or Extensibility, Toys Regulations, SOR/2011-17 (Section 41);
- EN 71-1 (Sections 5.4, 8.36)

Projectiles and Flying Toys

- Mattel QSOP 0006-3170;
- ASTM F963-17 (Sections 4.21, 8.14);
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Clause 16);
- EN71-1 (Sections 4.17, 7.7, 8.24.1);
- ISO 8124-1 (Sections 4.18, 5.15)

Projectiles Impact Test

- Mattel QSOP 0006-3171
- ASTM F963-17 (Section 8.14.3);
- EN71-1 (Section 8.4.2.5; A.22);
- ISO 8124-1:2018(Sections 4.18)

Wheel/Axle Assembly

- Mattel QSOP 0006-3180;
- ASTM F963-17 (Sections 4.10, 4.17, 8.11)

Entrapment – Openings in Rigid Materials

- Mattel QSOP 0006-3189;
- ASTM F963-17 (Sections 4.18, 4.39);
- ISO 8124-1 (Sections 4.13.1, E.20)

**Test:**

**Test Method(s):**

Entrapment - Toy Chests and Enclosures

- Mattel QSOP 0006-3196;
- ASTM F963-17 (Section 4.41);
- EN 71-1 (Section 4.14.1;8.31; A.18);
- AS/NZ 8124 Part 1 (Section 4.16)
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Clause 17)

Movable Parts and Hinge Line Clearance

- Mattel QSOP 0006-3200;
- 16 CFR 1500:2017
- ASTM F963-17 (Sections 4.13, 4.18);
- EN 71-1 (Sections 4.10.3, A.13);
- ISO 8124-1 (Section 4.12.3);
- AS/NZ 8124 Part 1 (Section 4.12.3)

Springs

- Mattel QSOP 0006-3201;
- ASTM F963-17 (Section 4.18.6);
- EN 71-1 (Sections 4.10.4, A.14);
- ISO 8124-1 (Section 4.14)

Plastic Bags and Films

- Mattel QSOP 0006-3210;
- ASTM F963-17 (Sections 4.12, 8.22);
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Section 4);
- EN 71-1 (Sections 4.3, 4.4);
- ISO 8124-1 (Section 4.10, 5.10);
- AS/NZ 8124 Part 1 (Sections 4.10, 5.10)

Sound Pressure Levels

- Mattel QSOP 0006-3400;
- ASTM F963-17 (Sections 4.5, 8.20);
- Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 (Section 19);
- EN 71-1 (Sections 4.20, 8.28, A.25);

**Test:**

**Test Method(s):**

Sound Pressure Levels (*continued*)

- AS/NZ 8124 Part 1 (Sections 4.28; E.41);
- ISO 8124-1 (Sections 4.28, 5.25, E.41)

Flammability – Solids, Granules, Pastes and Powders

- Mattel QSOP 0006-3300;
- ASTM F963-17 (Sections 4.2, Annex A5);
- 16 CFR (Section 1500.44);
- EN 71-2 (Section 4.1);
- ISO 8124-2 (Section 4);

Flammability – Fabrics

- Mattel QSOP 0006-3320;
- ASTM F963-17 (Section 4.2, Annex A6);
- 16 CFR (Sections 1610, 1615, 1616)
- EN 71-2 (Section 4.1)

Flammability of Textile Materials Used Products for Sale in Canada

- Mattel QSOP 0006-3321;
- Canada Consumer Product Safety Act, Textile Flammability Regulations, SOR/2017 (Sections 32, 33)

Safety Labeling Format

- Mattel QSOP 0006-3500;
- 16 CFR 1500.121
- ASTM F963-17 (Section 5);
- EN71-1 (Section 7; A.33)

Label Marking Permanency Test

- Mattel QSOP 0006-3501;
- Canada Consumer Product Safety Act, Expansion Gates and Expandable Enclosures Regulations, SOR/2016-179 (Method M-17, Section 4.5);
- Canadian General Standards Board (CGSB), Glass Cleaner Standard, CAN 2-2.55-M85

Labeling Cup Shaped Objects

- Mattel QSOP 0006-3503;
- EN 71-1 (Sections 5.12, 7, A.30)

**Test:**

**Test Method(s):**

Labeling – Packaging Copy

- Mattel QSOP 0006-3510;
- ASTM F963-17 (Section 5);
- 16 CFR (Section 1500.121);
- EN71-1 (Section 7);
- European Union (EU) Toy Safety Directive, Safety of Toys, 2009/48/EC
- Canada Consumer Product Safety Act (CCPSA): SOR/2011-17 section no. 3

Labeling Product Marking

- Mattel QSOP 0006-3511;
- EN 71-1 (Section 7);
- 19 U.S.C. Section 1304;
- CFR 1130

Labeling List of Contents for Packages

- Mattel QSOP 0006-3518;
- Canada Consumer Packaging and Labelling Act (R.S.C., 1985, c. C-38)
- Consumer Packaging and Labeling Regulations, C.R.C., c. 417 (6(1&2), 12, 14(1,2,4,16), 17, 21, 24, 25, 28, 30, 36(2))
- Uniform Packaging and Labeling Regulation (US

Labeling – Cords, Straps, and Elastics

- Mattel QSOP 0006-3524;
- ASTM F963-17 (Section 5);
- EN 71-1 (Section 7.22);
- ISO 8124-1:2018

Labeling – Small Parts, Small Balls and Marbles

- Mattel QSOP 0006-3530;
- ASTM F963-17 (Section 5);
- 16 CFR (Sections 1500, 1501);
- EN 71-1 (Section 7);
- ISO 8124-1 (Sections B.2.3, B.2.5);



**Test:**

**Test Method(s):**

Labeling & Marking of Battery Operated Products

- Mattel QSOP 0006-3535;
- 49 CFR Part 171,172,173;
- ASTM F963-17 (Section 5);

Labeling – Non-Battery Powered Ride On/In Toys and Toys with Weight Bearing Limits

- Mattel QSOP 0006-3537;
- 16 CFR 1500
- ASTM F963-17 (Section 5);
- EN 71-1 (Sections 7.10, 7.16);
- ISO 8124-1 (Section B.2.20)

Labeling - Products with Circuit Boards

- Mattel QSOP 0006-3544;
- Canadian Radio Equipment Certification Procedure, Labeling Requirement, RSP-100 (Chapter 3)
- 47 CFR Part 2.925

Labeling – Unassembled Products

- Mattel QSOP 0006-3556;
- ASTM F963-17 (Section 5);
- EN 71-1 (Section 7);
- ISO 8124-1 (Annexes B1, B2.9, B3.6);
- AS/NZ 8124 Part 1 Annexes B1, B2.9, B3.6)

Labeling – Projectile Toys

- Mattel QSOP 0006-3557;
- ASTM F963-17 (Section 5);
- EN71-1 (Sections 7.7);
- ISO 8124-1 (Sections B.2.15)

Labeling – Product Material

- Mattel QSOP 0006-3559

**Test:**

Labeling – Date Code

**Test Method(s):**

- Mattel QSOP 0006-3598;
- Consumer Product Safety Improvement Act (CPSIA),
- Tracking Label Requirement for Children's Products (Section 14(a)(5))

WITHDRAWN



## *Accredited Laboratory*

A2LA has accredited

**MEGA BRANDS, INC.**

*Montreal (Quebec), Canada*

for technical competence in the field of

**Mechanical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 11<sup>th</sup> day of December 2018.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4026.01  
Valid to January 31, 2021

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*