

## TEST REPORT

Test Report # 23H-000836(A1) Date of Report Issue: February 9, 2023  
Date of Sample Received: February 6, 2023 Pages: Page 1 of 12

### CLIENT INFORMATION:

Company: Davro Design LLC  
Recipient: Dave Laemle  
Recipient Email: dave@davroproducts.com



### SAMPLE INFORMATION:

Description: Magic Sliderz  
Assortment: - Purchase Order Number: 64959  
SKU/style No.: - Toy Co./Agency: -  
Factory/Supplier/Vendor: Davro Design LLC Country of Origin: China  
Country of Distribution: Canada, United States Labeled Age Grade: Over 3 years of age  
Quantity Submitted: 6 pcs per style Recommended Age Grade: Over 3 years of age  
Testing Period: 02/06/2023 – 02/08/2023 Tested Age Grade: Over 3 years of age

### OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka  
Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited



Timmy So Tsz Him  
Assistant Manager, Physical Laboratory

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.  
The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards
PASS	16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids
PASS	ASTM F963-17, Magnets

**Remark:**

Coatings were tested with substrate as Specimen No. 2 and 8 for all chemical testing.

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:**

**CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.5  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	1	2	3	4	5	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	500
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

*Note:*  
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)  
 LT = Less than  
 ND = Not detected (Reporting Limit = 5 ppm)

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.  
 The above test(s) is/are accredited under the laboratory’s ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with ‘#’ is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ‘ϕ’ was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:**

**CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.5  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	6	7	8	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	ND	---	---	60
Soluble Arsenic (As)	ND	ND	ND	---	---	25
Soluble Barium (Ba)	ND	ND	ND	---	---	1000
Soluble Cadmium (Cd)	ND	ND	ND	---	---	75
Soluble Chromium (Cr)	ND	ND	ND	---	---	60
Soluble Lead (Pb)	ND	ND	ND	---	---	90
Soluble Mercury (Hg)	ND	ND	ND	---	---	60
Soluble Selenium (Se)	ND	ND	ND	---	---	500
<b>Conclusion</b>	PASS	PASS	PASS	---	---	

*Note:*  
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)  
 LT = Less than  
 ND = Not detected (Reporting Limit = 5 ppm)

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.  
 The above test(s) is/are accredited under the laboratory’s ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with ‘#’ is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ‘ϕ’ was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

## Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	23H-000167	1	February 3, 2023
2	23H-000167	2	February 3, 2023
3	23H-000167	3	February 3, 2023
4	23H-000167	4	February 3, 2023
5	23H-000167	5	February 3, 2023
6	23H-000167	6	February 3, 2023
7	23H-000167	7	February 3, 2023
8	23H-000167	8	February 3, 2023

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:**

**CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2+3	4+5+6	7+8	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	100
<b>Conclusion</b>	PASS	PASS	PASS	PASS	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	23H-000167	1	February 3, 2023
2+3	23H-000167	2+3	February 3, 2023
4+5+6	23H-000167	4+5+6	February 3, 2023
7+8	23H-000167	7+8	February 3, 2023

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:**

**16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)**

Test Method: CPSC-CH-C1001-09.4  
 Test Instrument: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2+3	4+5+6	7+8	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.1
<b>Conclusion</b>		PASS	PASS	PASS	PASS	

**Note:**

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.  
 The above test(s) is/are accredited under the laboratory’s ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with ‘#’ is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ‘ϕ’ was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

## Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	23H-000167	1	February 3, 2023
2+3	23H-000167	2+3	February 3, 2023
4+5+6	23H-000167	4+5+6	February 3, 2023
7+8	23H-000167	7+8	February 3, 2023

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'ϕ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:**

**CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards  
16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards**

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-17, as applicable.

Test	Observation	Conclusion
Impact	No Sharp Edges or Sharp Points	PASS
Torque	No Sharp Edges or Sharp Points	PASS
Tension	No Sharp Edges or Sharp Points	PASS

**Other Applicable ASTM F963-17 Sections**

Section	Test	Conclusion
4.1	Material Quality	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.38	Magnets	PASS
5.16	Promotional Materials	PASS

**Remark:**

Evaluation of section 7.1 was excluded in this report as per the customer's request.

**Data Consolidation Reference**

SKU	Transferred from Report No.	Date of Issue
sample	23H-000167	February 3, 2023

**16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids**

Test	Observation	Conclusion
Flammability of Solids	No Ignition.	PASS

**Data Consolidation Reference**

SKU	Transferred from Report No.	Date of Issue
sample	23H-000167	February 3, 2023

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.  
 The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.  
 ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**DETAILED RESULTS:****ASTM F963-17, Magnets**

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-17, as applicable.

Test	Observation	Conclusion
Impact	No Small Parts, Sharp Edges or Sharp Points	PASS
Torque	No Small Parts, Sharp Edges or Sharp Points	PASS
Tension	No Small Parts, Sharp Edges or Sharp Points	PASS

**Data Consolidation Reference**

SKU	Transferred from Report No.	Date of Issue
sample	23H-000167	February 3, 2023

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

*The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.*

*Test(s) marked with 'φ' was subcontracted to external laboratory.*

*The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.*

*If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.*

*<https://www.qima.com/conditions-of-service#decisionRule>.*

*This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.*

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black plastic	Body (all styles)
2	White printed black soft plastic	Body (black style); patterns (black/ blue/ lime green/ orange/ purple/ red styles)
3	Blue soft plastic	Body (blue style)
4	Green soft plastic	Body (lime green style)
5	Orange soft plastic	Body (orange style)
6	Purple soft plastic	Body (purple style)
7	Red soft plastic	Body (red style)
8	Black printed white soft plastic	Body/ patterns (white style)

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

<https://www.qima.com/conditions-of-service#decisionRule>.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

**SAMPLE PHOTO:**



-End Report-

QIMA Testing (HK) Limited ♦ 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China ♦ Tel: (852)3185 8000.

*The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.*

*Test(s) marked with 'φ' was subcontracted to external laboratory.*

*The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.*

*If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.*

*<https://www.qima.com/conditions-of-service#decisionRule>.*

*This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.*