



TEST REPORT

Test Report # 18H-004975 Date of Report Issue: July 25, 2018
 Date of Sample Received: July 10, 2018 Pages: Page 1 of 12

CLIENT INFORMATION:

Company: Calibre International, LLC
 Recipient: Lisa Arismendez
 Recipient Email: LArismendez@highcaliberline.com



SAMPLE INFORMATION:

Description:	5" Spyro Football	Purchase Order Number:	-
Assortment:	-	Toy Co./Agency:	-
SKU/style No.:	T811	Country of Origin:	China
Factory/Supplier/Vendor:	-	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	All ages
Quantity Submitted:	2 pcs per style	Tested Age Grade:	All ages
Testing Period:	07/17/2018 – 07/25/2018		

OVERALL RESULT:

PASS

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

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The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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**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 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	CPSC 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 102 & 16 CFR 1501, Small Parts 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

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**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-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	9	10	11	12	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	ND	ND	---	60
Soluble Arsenic (As)	ND	ND	ND	ND	---	25
Soluble Barium (Ba)	4	ND	ND	ND	---	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	---	75
Soluble Chromium (Cr)	ND	ND	ND	ND	---	60
Soluble Lead (Pb)	ND	ND	ND	ND	---	90
Soluble Mercury (Hg)	ND	ND	ND	ND	---	60
Soluble Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 2 ppm)

**DETAILED RESULTS:****CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3	4	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	90
Conclusion	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.

**DETAILED RESULTS:****California Proposition 65, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3	4	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	90
Conclusion	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.

Remark:

The specification is quoted from client's requirement.

**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.	5+6	7+8	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	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.



DETAILED RESULTS:

California Proposition 65, 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.	5+6	7+8	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	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.

Remark:

The specification is quoted from client's requirement.

**DETAILED RESULTS:****California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		9	10	11	12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

Remark:

The specification is quoted from client's requirement.

**DETAILED RESULTS:****CPSC 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-C1001-09.3 (Modified) #, In-House Method#

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		9	10	11	12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

**DETAILED RESULTS:****CPSIA Section 102 & 16 CFR 1501, Small Parts****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 Small Part, Sharp Edge or Sharp Point	PASS
Torque	No Small Part, Sharp Edge or Sharp Point	PASS
Tension	No Small Part, Sharp Edge or Sharp Point	PASS

Other Applicable ASTM F963-17 Sections

Section	Test	Conclusion
4.1	Material Quality	PASS
4.6	Small Objects	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.21	Projectile Toys	PASS
4.34	Balls	PASS

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

Test	Observation	Conclusion
Flammability of Solids	The burn rate is less than 0.1 in/sec.	PASS

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red/ white inseparable coating	On ball (red style)
2	Green/ white inseparable coating	On ball (green style)
3	Blue/ white inseparable coating	On ball (blue style)
4	Yellow/ black inseparable coating	On ball (yellow style)
5	Red foam	Ball (red style)
6	Green foam	Ball (green style)
7	Blue foam	Ball (blue style)
8	Yellow foam	Ball (yellow style)
9	Red/ white printed red foam	Ball (red style)
10	Green/ white printed green foam	Ball (green style)
11	Blue/ white printed blue foam	Ball (blue style)
12	Yellow/ black printed yellow foam	Ball (red style)

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SAMPLE PHOTO:



-End Report-

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