



## Test Report

No.T32020250084TC

Date: MAY 14, 2020

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BIC GRAPHIC

14421 MYERLAKE CIRCLE CLEARWATER  
PINELLAS FL 33760 UNITED STATES

The following samples were submitted and identified by/on behalf of the client as:

FACE SHIELD

Item No. : 41155  
Test Request Form No. : 4169\_HK  
Shipment Order Number : PO# 7112975  
Manufacture Date : 2019  
Country of Origin : CHINA  
Country of Destination : CANADA, UNITED STATES  
Sample Receiving Date : APR 26, 2020  
Further Information Date : MAY 14, 2020  
Testing Period : APR 26, 2020 TO MAY 14, 2020

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Test Requested		Conclusion
1.	CPSIA section 108 – Phthalates in the specified specimen(s) as listed	PASS
	US 16 CFR Part 1307 – Phthalates in the specified specimen(s) as listed	PASS
	US California Proposition 65 (County of Santa Clara Case No. 114CV267501) – Phthalates Content in the specified specimen(s) as listed	PASS
2.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS
3.	CPSIA section 101 - Total Lead content in the specified specimen(s) as listed	--
3.1	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
3.2	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
4.	US California Proposition 65 (County of Marin Case No. CIV 1104003) – Lead Content in the specified specimen(s) as listed	PASS
5.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.



\_\_\_\_\_  
To Man Wah, Po  
Technical Manager

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**Test Results:**

**1. Phthalates Content**

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Accessible Materials can be placed in the Mouth

Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
<b>Specimen No.</b>	--	<b>1</b>	--
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP)	84-75-3	ND	0.003
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003
Di-n-pentyl phthalate (DPP/DPenP)	131-18-0	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003

Specimen Description:

- Transparent plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)

- Note:
- % = percentage by weight
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

**The Phthalates Content Requirement(s) is(are) Summarize as below:**

Requirement(s)	Permissible Limit
<b>Consumer Product Safety Improvement Act of 2008</b>	
- Toys for children up to 12 or childcare articles for children up to 3	- DEHP, BBP or DBP ≤ 0.1%
- Toys for children up to 12 that can be placed in the mouth or childcare articles for children up to 3	- DINP, DNOP or DIDP ≤ 0.1%
<b>US 16 CFR Part 1307</b>	
- Toys for children up to 12 or childcare articles for children up to 3	- DEHP, BBP, DBP, DINP, DIBP, DPENP, DHEXP, and DCHP ≤ 0.1%
<b>California Proposition 65 (County of Santa Clara Case No. 114CV267501)</b>	
- Seat with Vinyl/PVC upholstery	≤ 0.1% each of DEHP, BBP, DBP, DIDP, DnHP and DINP otherwise warning

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### 2. CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
Permissible Limit (ppm)	90
Specimen Description	Result(s) (ppm)
1. Blue coating on plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

### 3.1 CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
Permissible Limit (ppm)	90
Specimen Description	Result(s) (ppm)
1. Blue coating on plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

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**3.2 CPSIA - Lead in Accessible Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Test Item(s)	Lead (Pb)
Permissible Limit <b>**</b> (ppm)	100
Specimen Description	Result(s) (ppm)
1. Transparent plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND
2. White sponge (Body) (#2-41155 White polyamide sponge)	ND
3. White plastic (Buckle) (#3-41155 White PP buckle)	ND
4. White rubber core (Elastic cord) (#4-41155 White polyester w/rubber elastic string)	ND

\*\* Permissible Limit applies to a children’s product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

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**4. US California Proposition 65 – Total Lead Content**

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Lead (Pb)
Specimen Description	Result(s) (ppm)
1. Blue coating on plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND
2. Transparent plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND
3. White sponge (Body) (#2-41155 White polyamide sponge)	ND
4. White plastic (Buckle) (#3-41155 White PP buckle)	ND
5. White rubber core (Elastic cord) (#4-41155 White polyester w/rubber elastic string)	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit =10 ppm
  - 1% = 10000mg/kg=10000ppm

**Remark: Summary of permissible limit(s) of Lead requirement:**

Requirement(s)	Permissible Limit of Lead (ppm)	Effective Date
California Proposition 65 (County of Marin Case No. CIV 1104003)	Paint and surface coating	90
	All other materials	100

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**5. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material**

Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2:2017 and C-07:2019

Test Item(s)	Pb	Hg
Permissible Limit (mg/kg)	90	ND
Specimen Description	Result(s) (mg/kg)	
1. Blue coating on plastic sheet (Body) (#1-41155 Clear PET plastic front shield with blue imprint)	ND	ND

- Note:
- mg/kg = milligram per kilogram
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - MDL for Pb = 10 mg/kg
  - MDL for Hg = 10 mg/kg
  - The action level of Mercury is 10 mg/kg according to the Industry guide to Health Canada's Safety Requirements for Children's Toys and Related Products, 2012

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### Sample Photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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