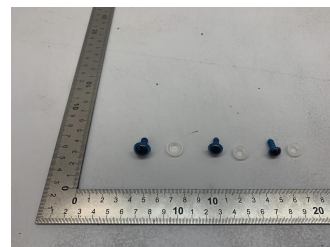


TEST REPORT

Test Report # 23L-005189 Date of Report Issue: June 12, 2023
Date of Sample Received: June 1, 2023 Pages: Page 1 of 9

CLIENT INFORMATION:

Company: Gohandmade Dsign International A/S
Company Address: Madevej 11-13, 6200 Aabenraa, Denmark



SAMPLE INFORMATION:

Description: two-colored safety eyes
Assortment: - Purchase Order Number: -
SKU/Style/UPC No.: 17248 – Blue Toy Co./Agency: -
Factory/Supplier/Vendor: - Buyer: Gohandmade Dsign International A/S
Country of Origin: - Labeled Age Grade: -
Country of Distribution: Denmark Recommended Age Grade: -
Quantity Submitted: 3 packs Tested Age Grade: -
Testing Period: 06/02/2023 – 06/12/2023

OVERALL RESULT:

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

QIMA Hansecontrol Testing Service (Dongguan)
Co. Ltd.

Sikin Wang Xi Jian
Organic & Inorganic Leader, Chemical Laboratory

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	Directive 2009/48/EC Safety of Toys as Amended by 2014/79/EU, Tris (1,3-Dichloro-2-propyl) Phosphate (TDCPP), Tris (2-Chloroethyl) Phosphate (TCEP) and Tris (1-Chloro-2-Propyl) Phosphate (TCPP)
PASS	Directive 2009/48/EC Safety of Toys as Amended by Directive (EU) 2019/1929, Formaldehyde in Polymeric Materials
PASS	Directive 2009/48/EC Safety of Toys as Amended by 2017/898/EU, Bisphenol A (BPA) in Toys
PASS	Directive 2009/48/EC Safety of Toys as Amended by 2017/774/EU, Phenol in Toys
PASS	EN 71-3: 2019+A1:2021 Safety of Toys, Migration of Certain Elements

DETAILED RESULTS:

Directive 2009/48/EC Safety of Toys as Amended by 2014/79/EU, Tris (1,3-Dichloro-2-propyl) Phosphate (TDCPP), Tris (2-Chloroethyl) Phosphate (TCEP) and Tris (1-Chloro-2-Propyl) Phosphate (TCPP)

Test Method: In-House Method

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.	2+3+4	---	---	---	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	ND	---	---	---
Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	ND	---	---	---
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	ND	---	---	---
Conclusion	PASS	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 1.5 mg/kg)

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

DETAILED RESULTS:

Directive 2009/48/EC Safety of Toys as Amended by Directive (EU) 2019/1929, Formaldehyde in Polymeric Materials

Test Method: EN 71-10:2005#, EN 71-11:2005

Analytical Method: High Performance Liquid Chromatography with Diode Array Detector

Specimen No.	2	3	4	---	Migration Limit (mg/L)
Test Item	CAS No.	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Formaldehyde	50-00-0	ND	ND	ND	---
Conclusion		PASS	PASS	PASS	---

Note:

mg/L = Milligrams per litre

NA = Not applicable

LT = Less than

ND = Not detected (Reporting Limit = 0.5 mg/L)

DETAILED RESULTS:**Directive 2009/48/EC Safety of Toys as Amended by 2017/898/EU, Bisphenol A (BPA) in Toys**

Test Method: EN 71-10:2005 Clause 6, EN 71-11:2005 Clause 5.5.2

Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		2	3	4	---	Limit (mg/L)
Test Item	CAS No.	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	---	0.04
Conclusion		PASS	PASS	PASS	---	

Note:

mg/L = Milligrams per litre

LT = Less than

ND = Not detected (Reporting Limit = 0.02 mg/L)

DETAILED RESULTS:**Directive 2009/48/EC Safety of Toys as Amended by 2017/774/EU, Phenol in Toys**

Test Method: EN 71-10:2005 and EN 71-11:2005
Analytical Method: High Performance Liquid Chromatography

In polymeric materials

Specimen No.		2	3	4	---	Limit (mg/L)
Test Item	CAS No.	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	
Phenol	108-95-2	ND	ND	ND	---	5
Conclusion		PASS	PASS	PASS	---	

Note:

mg/L = Milligrams per liter

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/L)

DETAILED RESULTS:**EN 71-3: 2019+A1:2021 Safety of Toys, Migration of Certain Elements**

Test Method: EN 71-3:2019+A1:2021

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Category III: Scraped-off materials

Specimen No.	1	2	3	4	RL (mg/kg)	Soluble Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)		
Aluminum (Al)	ND	ND	ND	ND	50	28 130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	50	18 750
Boron (B)	ND	ND	ND	ND	50	15 000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium III (Cr III)^	ND	ND	ND	ND	0.2	460
Chromium VI (Cr VI)^	ND	ND	ND	ND	0.05	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	50	7 700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	50	15 000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	50	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	50	56 000
Tin (Sn)	ND	ND	ND	ND	1	180 000
Organic Tin^^	ND	ND	ND	ND	3.3	12
Zinc (Zn)	ND	ND	ND	ND	50	46 000
Conclusion	PASS	PASS	PASS	PASS		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

^Soluble Chromium is reported when the soluble chromium result below the chromium VI limit.

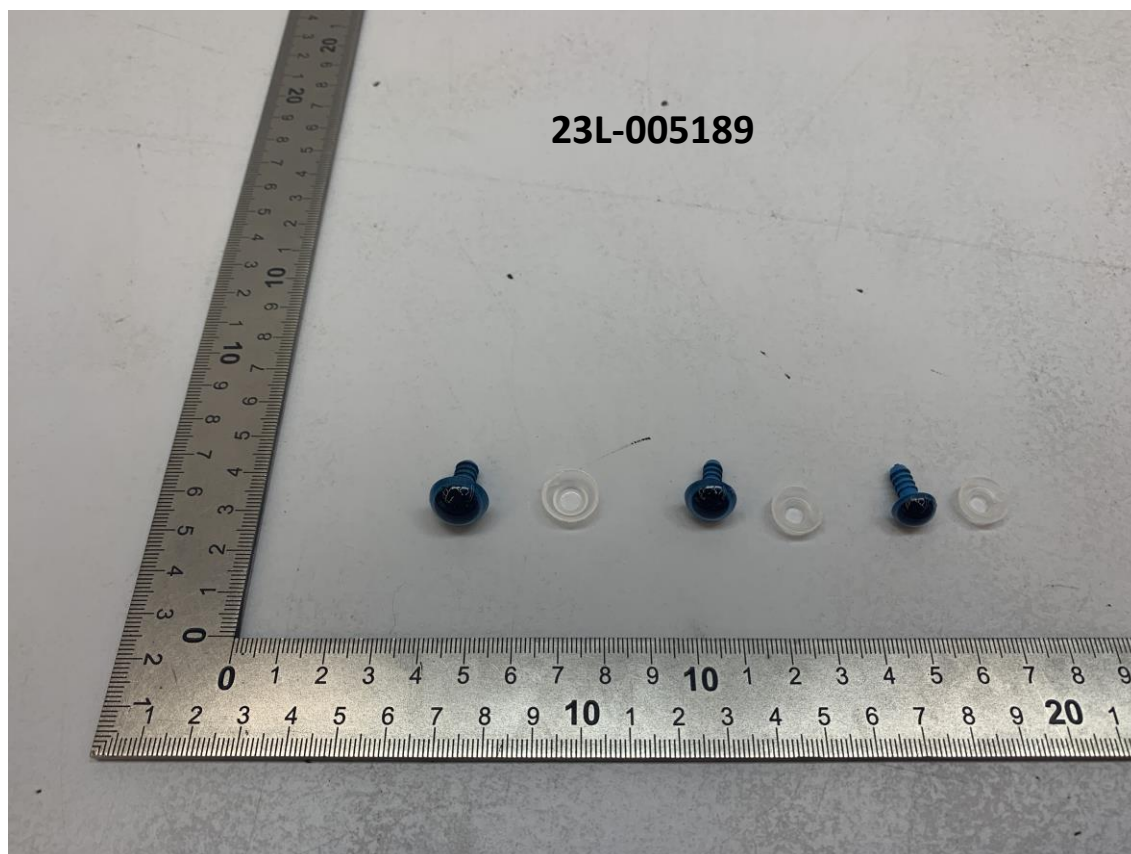
^^ Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.3 mg/kg) or the components were confirmed to be pure metal.

Remark:Test portion of Specimen No. 1 found on single sample was 14.1 mg.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Blue coating	Surface
2	Transparent plastic	Eye
3	Black plastic	Holder
4	Translucent plastic	Mat

SAMPLE PHOTO:



-End Report-