

TEST REPORT

NUMBER: LTR24050240A1 Amendment

APPLICANT: Hemway
Unit N1
Gildersome Spur Industrial Estate
Leeds
LS27 7JZ

DATE: 10 July 2024

SAMPLE DESCRIPTION: Hi White Interior Paint Acrylic Matt (11070)
Medium Interior Paint Acrylic Matt (11071)
Transparent Interior Paint Acrylic Matt (11074)
Neutral Exterior Paint Masonry (7532)
White Exterior Paint Masonry (7528)
This is an amendment of LTR24050240A, originally issued 4 July 2024.

RETAILER: Not specified

SAMPLE RECEIVED: 30 May 2024

PURCHASE ORDER: None

TEST REQUEST:	CONCLUSION:
**ASTM F963-23 - Soluble heavy elements test	Pass

Tests marked (^) in this report are included in the scope of accreditation of the sub-contractor who performed the test.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.
Tests marked (**) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.
Opinions, interpretations and comments expressed herein are outside the scope of accreditation.



JANE FISHER
Senior Technician
HARDLINES



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Heavy Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-23. Acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	100	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)		Limit (ppm)
	(4)	(5)	
Soluble Barium (Ba)	<5	<5	1000
Soluble Lead (Pb)	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	75
Soluble Antimony (Sb)	<5	<5	60
Soluble Selenium (Se)	<5	<5	500
Soluble Chromium (Cr)	<5	<5	60
Soluble Mercury (Hg)	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	25

The above limit was quoted according to Section 4.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-23

ppm = parts per million = mg/kg

Tested Components:

- (1) White paint (11070 Hi white interior paint acrylic matt).
- (2) White paint (11701 Medium interior paint acrylic matt).
- (3) Ivory paint (11074 Transparent interior paint acrylic matt).
- (4) Ivory paint (7532 Neutral exterior paint masonry).
- (5) White paint (7528 White exterior paint masonry).



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Decision Rule:

∞ : Materials are deemed to comply with the requirements if the adjusted analytical result is less than or equal to the limit of this table.

The analytical result of materials shall be adjusted by subtracting the analytical correction in below table to obtain an adjusted analytical of result.

Elements	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction(%)	60	60	30	30	30	30	50	60

Date of Testing: 12–25 June 2024



END OF REPORT

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