

TEST REPORT

Page No: 1/2

Report No: AR-22-SV-006470-02
Customer: PERCEPTIVE PROFILE SDN BHD
Date of Issue: 02/03/2022



Batch No: EUMYBM-00102893
Sample No: 138-2022-02001168

To: PERCEPTIVE PROFILE SDN BHD
PT19251, Persiaran Batu Gajah
Perdana 10, Tmn Perind. Batu Gajah Perdana,
31550 Pusing
Perak MALAYSIA

Attn: Lai Yuen Seong

Date Sample Received: 10/02/2022
Date of Testing: 11/02/2022 to 17/02/2022

The following sample was identified by the customer as :
PVC EDGING

Objective (s): The PVC Edging for listed analysis with the following objective:
1. Determination of Lead accordance with European Standard on Safety of Toys EN 71-3:2019+A1:2021 (Category III).
2. Determination of Antimony (Sb), Arsenic (As), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se) with ASTM F963-11.
3. Determination of Phthalate accordance with U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) Section 108 prohibits of children's toys and child care.

Conclusion:

Test(s) Required	Compliance with Objective(s)
Lead (Pb), Mercury (Hg), Antimony (Sb), Selenium (Se), Arsenic (As), Lead (Pb), Chromium (Cr), Cadmium (Cd), Benzyl butyl phthalate (BBP), Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Diisodecyl phthalate (DIDP), Diisononyl phthalate (DINP), Di-n-octylphthalate (DNOP)	Comply

Test Result(s):

Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
SVL01	Lead (Pb)	mg/kg	<LOQ	2	EN 71 Part 3	≤23mg/kg
SVK78	Mercury (Hg)	mg/kg	<LOQ	1	ASTM F963 (Section 8.3.2-8.3.5)	≤60mg/kg
SVK19	Antimony (Sb)	mg/kg	<LOQ	10	ASTM F963 (Section 8.3.2-8.3.5)	≤60mg/kg
SVL15	Selenium (Se)	mg/kg	<LOQ	3	ASTM F963 (Section 8.3.2-8.3.5)	≤500mg/kg
SVK25	Arsenic (As)	mg/kg	<LOQ	3	ASTM F963 (Section 8.3.2-8.3.5)	≤25mg/kg
SVL00	Lead (Pb)	mg/kg	<LOQ	5	ASTM F963 (Section 8.3.2-8.3.5)	≤90mg/kg
SVK57	Chromium (Cr)	mg/kg	<LOQ	1	ASTM F963 (Section 8.3.2-8.3.5)	≤60mg/kg
SVK47	Cadmium (Cd)	mg/kg	<LOQ	0.5	ASTM F963 (Section 8.3.2-8.3.5)	≤75mg/kg
SVK13	Phthalates (CPSC)				CPSC-CH-C1001-09.3	
	Benzyl butyl phthalate (BBP)	% (w/w)	<LOQ	0.01		≤0.1% (Refer Note 3)
	Bis(2-ethylhexyl)phthalate (DEHP)	% (w/w)	<LOQ	0.01		≤0.1% (Refer Note 3)
	Dibutyl phthalate (DBP)	% (w/w)	<LOQ	0.01		≤0.1% (Refer Note 3)
	Diisodecyl phthalate (DIDP)	% (w/w)	<LOQ	0.02		≤0.1% (Refer Note 3)
	Diisononyl phthalate (DINP)	% (w/w)	<LOQ	0.02		≤0.1% (Refer Note 3)
	Di-n-octylphthalate (DNOP)	% (w/w)	<LOQ	0.01		≤0.1% (Refer Note 3)

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Page No: 2/2

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Specification Note

1. European Standard on Safety of Toys EN 71-3:2019+A1:2021 (Category III).
2. ASTM F963-11, "Standard Consumer Safety Specification for Toy Safety, "Section 4.3.5.2 (2) (b).
3. U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) Section 108 prohibitions of children's toys and child care can be obtained from <https://cdnmedia.eurofins.com/apac/media/602900/err005-issue-01032018-phthalate-cpsia.pdf>

Revision history:

1. AR-22-SV-006470-02 revised sample identification as per customer request.

Version Remark(s):

1. Analytical Report AR-22-SV-006470-02 issued on 02/03/2022 will supersede previous version of report(s). Upon receipt of this revised copy, all earlier version of report(s) will be invalid immediately.

This 2 page(s) of report and its attachment(s), if relevant, has/have been validated by

ChM. Sheue Fen Ong, B. Sc (Hons) Industrial Chemistry
IKM Registered Chemist
Registered No.:M/2864/5629/09

EXPLANATORY NOTE

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N/A means not applicable.

ND means not detected for value obtained is less than the Limit of Detection (LOD).

<LOD means not detected at or below the Limit of Detection (LOD).

<LOQ means below the Limit of Quantification (LOQ)

Sample Photograph(S)



- End of Report -