TEST REPORT

Report No: [redacted] **AR-22-SV-043566-01** [redacted]
Date of Issue: 15/06/2022

Batch No: EUMYBM-00094703
Sample No: 138-2022-07040063

[redacted]

Date of Testing: [redacted] 10/06/2022 to 14/06/2022

The following sample was identified by the customer as :
GLOVE
NBROLPD1/CR/FT/W/300/5MIL

Objective (s): Determination of Cadmium (Cd), Hexavalent Chromium (Cr6+), Lead (Pb), Mercury (Hg), Phthalates, Polybrominated Biphenyl (PBBs), Polybrominated Diphenyl Ether (PBDEs) with RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II)

Conclusion:

Test(s) Required	Compliance with Objective(s)
Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium VI, Monobromobiphenyl, Dibromo biphenyls, Tribromo biphenyls, Tetrabromo biphenyls, Pentabromo biphenyls, Hexabromo biphenyls, Heptabromobiphenyl, Octabromo biphenyls, Nonabromo biphenyls, Decabromo biphenyls, Sum Polybrominated Biphenyles (PBB), Monobromodiphenyl ether, Dibromodiphenylether, Tribromo diphenyl ethers, Tetrabromo diphenyl ethers, Pentabromodiphenyl ether, Hexabromo diphenyl ethers, Heptabromo diphenyl ethers, Octabromo diphenyl ethers, Nonabromo diphenyl ethers, Decabromo diphenyl ethers, Sum Polybrominated Diphenyl Ether (PBDE), Benzyl butyl phthalate (BBP), Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Di-isobutyl phthalate (DiBP)	Comply

Test Result(s):

Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
SVK51	Cadmium (Cd)	mg/kg	ND(<LOQ)	1	IEC 62321-5	≤100mg/kg
SVL03	Lead (Pb)	mg/kg	ND(<LOQ)	10	IEC 62321-5	≤1000mg/kg
SVK82	Mercury (Hg)	mg/kg	ND(<LOQ)	5	IEC 62321-4	≤1000mg/kg
SVV1M	Hexavalent Chromium (Cr6+)	mg/kg	ND(<LOQ)	20	IEC 62321-7-2	≤1000mg/kg
SVK16	**Polybrominated Biphenyl (PBBs)**				IEC 62321-6	
	Monobromobiphenyl	mg/kg	ND(<LOQ)	20		Refer Note 2
	Dibromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Tribromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Tetrabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Pentabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Hexabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Heptabromobiphenyl	mg/kg	ND(<LOQ)	20		Refer Note 2
	Octabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Nonabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Decabromo biphenyls	mg/kg	ND(<LOQ)	20		Refer Note 2
	Sum Polybrominated Biphenyles (PBB)	mg/kg	ND(<LOQ)	20		≤1000mg/kg
SVK17	**Polybrominated Diphenyl Ether (PBDEs)**				IEC 62321-6	

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Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
	Monobromodiphenyl ether	mg/kg	ND(<LOQ)	20		Refer Note 2
	Dibromodiphenylether	mg/kg	ND(<LOQ)	20		Refer Note 2
	Tribromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Tetrabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Pentabromodiphenyl ether	mg/kg	ND(<LOQ)	20		Refer Note 2
	Hexabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Heptabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Octabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Nonabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Decabromo diphenyl ethers	mg/kg	ND(<LOQ)	20		Refer Note 2
	Sum Polybrominated Diphenyl Ether (PBDE)	mg/kg	ND(<LOQ)	20		≤1000mg/kg
SVV1Q	**Phthalates**				IEC 62321-8	
	Benzyl butyl phthalate (BBP)	% (w/w)	ND(<LOQ)	0.02		≤0.1%
	Bis(2-ethylhexyl)phthalate (DEHP)	% (w/w)	ND(<LOQ)	0.02		≤0.1%
	Dibutyl phthalate (DBP)	% (w/w)	ND(<LOQ)	0.02		≤0.1%
	Di-isobutyl phthalate (DiBP)	% (w/w)	ND(<LOQ)	0.02		≤0.1%

Specification Note
1. RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II)
2. Based on sum amount of PBB/PBDE limit, which is ≤1000mg/kg

Remark
1. The test portion was totally dissolved for cadmium, lead & mercury test by using pre-conditioning method as mentioned above.
2. IEC 62321 flowchart can be obtained from https://admin.apac-websites.eurofins.com/media/606192/efctm001-issue-2.pdf
3. The test portion was ashed before the pre-conditioning method for Cadmium & Lead test as mentioned above.

This 3 page(s) of report and its attachment(s), if relevant, has/have been validated by

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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 -

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