



TEST REPORT

Report No. : (8226)885-0009-001-E1

Date Issued : 2026. 05. 12

Page 1 of 6

Company Name : LOTTE MCC CORP.

Address : Lotte World Tower 14th FL, Olympic-ro, Songpa-gu, Seoul, Korea

Sample Description

Name / Type of Product : HEMA

Item No. / Part No. : -

Material/Color : -

Manufacturer/Vendor : LOTTE MCC CORP.

Date Received : 2026. 05. 06

Test Period : 2026. 05. 06 ~ 2026. 05. 12

Test Site : Fixed Test Lab (RM908~915 126, Beolmal-ro, Dongan-gu, Anyang-si)

Test Method(s) : For the detail, please the following page(s).

Test Results(s) : For the detail, please the following page(s).

Authorized by

Bureau Veritas CPS Korea Limited



Scan to see the Report

JIN KIM

Lab Manager / Bureau Veritas CPS Korea Limited

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TEST REPORT

Report No. : (8226)885-0009-001

Date Issued : 2026. 05. 12

Page 2 of 6

Name / Type of Product : HEMA

TEST RESULT

Heavy Metals

Test Item	Test Method	Unit	MDL	Result
Lead (Pb)	With reference to International Standard IEC 62321-5: 2013, Determined by ICP-OES.	mg/kg	5	ND
Cadmium (Cd)		mg/kg	0.5	ND
Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013 +AMD1:2017CVS, Determined by ICP-OES.	mg/kg	2	ND
Chromium VI (Cr VI)	With reference to International Standard IEC 62321-7-2 2017, Determined by UV-Vis.	mg/kg	8	ND

Flame Retardants-PBBs/PBDEs

Monobromobiphenyl	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
Dibromobiphenyl		mg/kg	5	ND
Tribromobiphenyl		mg/kg	5	ND
Tetrabromobiphenyl		mg/kg	5	ND
Pentabromobiphenyl		mg/kg	5	ND
Hexabromobiphenyl		mg/kg	5	ND
Heptabromobiphenyl		mg/kg	5	ND
Octabromobiphenyl		mg/kg	5	ND
Nonabromobiphenyl		mg/kg	5	ND
Decabromobiphenyl		mg/kg	5	ND
Monobromodiphenyl ether	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
Dibromodiphenyl ether		mg/kg	5	ND
Tribromodiphenyl ether		mg/kg	5	ND
Tetrabromodiphenyl ether		mg/kg	5	ND
Pentabromodiphenyl ether		mg/kg	5	ND
Hexabromodiphenyl ether		mg/kg	5	ND
Heptabromodiphenyl ether		mg/kg	5	ND
Octabromodiphenyl ether		mg/kg	5	ND
Nonabromodiphenyl ether		mg/kg	5	ND
Decabromodiphenyl ether		mg/kg	5	ND

Note / Key :

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

ug/cm² = Microgram per square centimeter

MDL = Method detection limit

ND = Not detected

NA = Not applicable



TEST REPORT

Report No. : (8226)885-0009-001

Date Issued : 2026. 05. 12

Page 3 of 6

Name / Type of Product : HEMA

TEST RESULT

Halogen Contents

Test Item	Test Method	Unit	MDL	Result
Bromine (Br)	With reference to EN14582:2016, Determined by IC.	mg/kg	30	ND
Chlorine (Cl)		mg/kg	30	ND
Fluorine (F)		mg/kg	30	ND
Iodine (I)		mg/kg	30	ND

Note / Key :

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TEST REPORT

Report No. : (8226)885-0009-001

Date Issued : 2026. 05. 12

Page 4 of 6

Name / Type of Product : HEMA

Photo of the Submitted Sample





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TEST REPORT

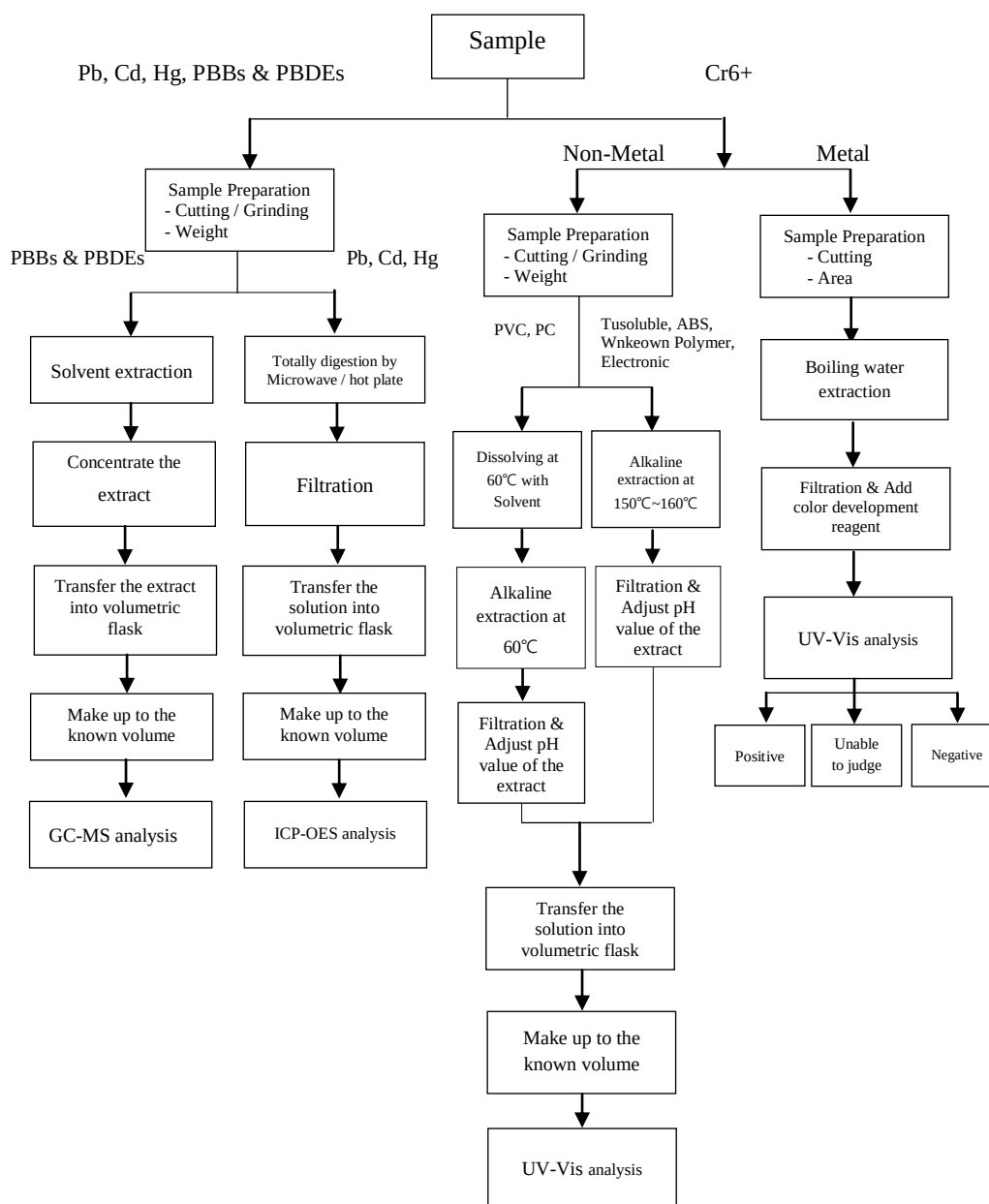
Report No. : (8226)885-0009-001

Date Issued : 2026. 05. 12

Page 5 of 6

Name / Type of Product : HEMA

Test Flowchart of Heavy Metals and Flame Retardants Content [European Parliament and Council Directive 2011/65/EU] :





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TEST REPORT

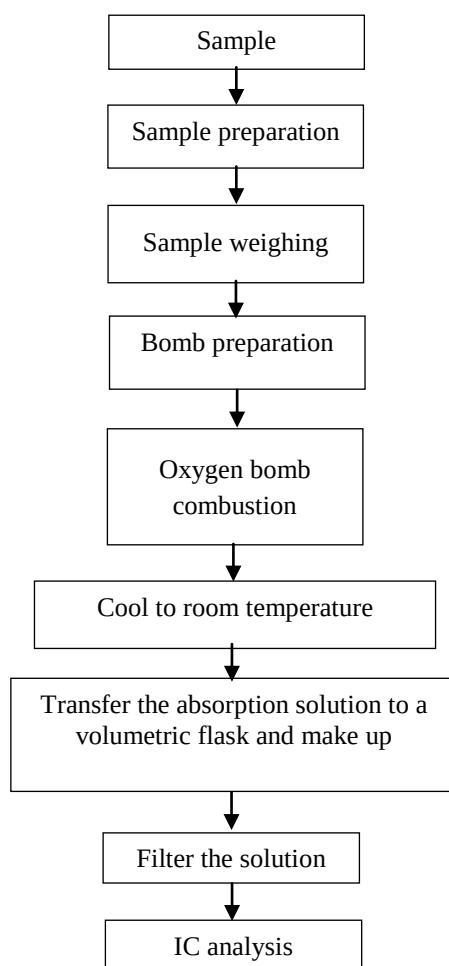
Report No. : (8226)885-0009-001

Date Issued : 2026. 05. 12

Page 6 of 6

Name / Type of Product : HEMA

Test Flowchart of Halogen Contents



- End of Report -