TEST REPORT

Company named in report: [REDACTED FOR PRIVACY]

Address: [REDACTED FOR PRIVACY]

Certain applicant and individual identifying information has been redacted in this public-facing translation for privacy. Test data and report identifiers are unchanged.

The following sample and sample information were provided and confirmed by the applicant:

Item	Translation
Sample name	Meng Xiao Meng custom formulation - Silicone AB Glue
Sample received	May 7, 2024
Testing period	May 7, 2024 - May 10, 2024
Testing request	At the client's request, the submitted sample was tested for Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexav
Test methods	See next page.
Test results	See following pages.

CONCLUSION

Test Sample	Standard / Directive	Result
Submitted sample	EU RoHS Directive 2011/65/EU and amendment (EU) 2015/863	Complies

“Complies” means the test results satisfy the applicable limit requirements of EU RoHS Directive 2011/65/EU and amendment (EU) 2015/863.

Approval date: May 10, 2024
Testing organization shown in the original: Shanghai CTI Testing & Certification Co., Ltd.
Laboratory Manager / individual name: [REDACTED FOR PRIVACY]
No.: R755763808

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TEST METHODS

Test Item	Test Method	Instrument
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or IEC 62321-5:2013 for total chromium content	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS

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TEST RESULTS

Test Item	Result	Method Detection Limit	Limit
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

Polybrominated Biphenyls (PBBs)

Compound	Result	Method Detection Limit	Limit
Mono-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Di-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Tri-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Tetra-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Penta-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Hexa-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Hepta-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Octa-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Nona-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*
Deca-bromobiphenyl	N.D.	5 mg/kg	1000 mg/kg*

Polybrominated Diphenyl Ethers (PBDEs)

Compound	Result	Method Detection Limit	Limit
Mono-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Di-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Tri-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Tetra-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Penta-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Hexa-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Hepta-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Octa-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Nona-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*
Deca-bromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg*

*The original report displays the 1000 mg/kg limit as a merged value for the PBB/PBDE group.

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TEST RESULTS - PHTHALATES

Test Item	CAS No.	Result	Method Detection Limit	Limit
Dibutyl Phthalate (DBP)	84-74-2	N.D.	50 mg/kg	1000 mg/kg
Benzyl Butyl Phthalate (BBP)	85-68-7	N.D.	50 mg/kg	1000 mg/kg
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl Phthalate (DIBP)	84-69-5	N.D.	50 mg/kg	1000 mg/kg

SAMPLE / PART DESCRIPTION

No.	CTI Sample ID	Description
1	001	White translucent liquid

Notes:
For the samples tested for lead, cadmium, and mercury, digestion was complete.
N.D. = Not Detected (below the method detection limit).
mg/kg = ppm = parts per million.
1000 mg/kg = 0.1%.

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TEST PROCEDURES

1. Lead (Pb), Cadmium (Cd), Chromium (Cr)
Weigh sample into container → add digestion reagent → digest sample → filter → treat residue by ashing / acid boiling / alkali boiling → combine solution → make up to volume with deionized water → analyze by ICP-OES.

2. Mercury (Hg)
Weigh sample into container → add digestion reagent → digest sample → filter → treat residue by ashing / acid boiling → combine solution → make up to volume with deionized water → analyze by ICP-OES.

3. Hexavalent Chromium (Cr(VI))
Weigh sample into container → add digestion reagent → digest sample → cool and filter → adjust solution pH → add test solution → adjust solution pH → make up to volume with deionized water → analyze by UV-Vis.

4. PBBs / PBDEs
Weigh sample into extraction thimble → extract with organic solvent → concentrate extract → transfer extract to volumetric flask → make up to volume with organic solvent → analyze by GC-MS.

TEST PROCEDURE - PHTHALATES

5. Phthalates (DBP, BBP, DEHP, DIBP)

Weigh sample into extraction thimble → extract with organic solvent → concentrate extract → transfer extract to volumetric flask → make up to volume with organic solvent → analyze by GC-MS.

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SAMPLE IMAGE

The original report includes a photograph of the submitted sample on this page.

STATEMENTS

1. The test report is invalid without the approver's signature, the dedicated report seal, and the cross-page seal.

2. The company name/address in the report header and the sample/sample information were provided by the applicant. The applicant is responsible for their authenticity; CTI did not verify their authenticity.

3. The test results in this report apply only to the tested sample.

4. Unless otherwise stated, conformity is determined using a simple acceptance (w=0) binary decision rule with reference to ILAC-G8:09/2019 / CNAS-GL015:2022.

5. This report may not be partially reproduced without CTI's written consent.

*** END OF REPORT ***