

Test Report

Report No. : TCT231124C004

Date : Nov. 29, 2023

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Applicant: Unicool Game Manufacturing

Address: Qiushuo Industrial Zone, Lisonglang Community, Gongming Subdistrict,
Guangming District, Shenzhen, Guangdong, China 518106

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Unicool Plastic Miniatures (Agamemnon Infinity Mini by Corvus Belli)

Sample Received Date: 2023.11.24

Testing Period: 2023.11.24—2023.11.29

Test Requested: As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Bis-(2-ethylhexyl) Phthalate (DEHP), Benzylbutyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP) contents in the submitted sample.

Test Method: Please refer to the following page(s).

Test Result(s): Please refer to the following page(s).

Conclusion: Base upon the performed tests by submitted sample, the test results comply with the limits as set by Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU Annex II.

Checked by

Evan Fang

Evan Fang

Approved by

Ryan Zhang

Ryan Zhang
Technical Manager



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Test Results:

Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP Content(s)

Test Method: With reference to IEC62321-5:2013, IEC62321-4:2013+AMD1:2017, IEC 62321-7-2:2017, IEC62321-6:2015, IEC62321-8:2017. Analysis was performed by ICP-OES,UV-VIS, GC-MS.

Tested Item(s)	Unit	MDL	Limit	Result(s)
				1
Lead (Pb)	mg/kg	2	1000	N.D.
Cadmium (Cd)	mg/kg	2	100	N.D.
Mercury (Hg)	mg/kg	2	1000	N.D.
Hexavalent Chromium (Cr(VI))	mg/kg	8	1000	N.D.
Sum of PBBs	mg/kg	-	1000	N.D.
Monobromobiphenyl	mg/kg	5	-	N.D.
Dibromobiphenyl	mg/kg	5	-	N.D.
Tribromobiphenyl	mg/kg	5	-	N.D.
Tetrabromobiphenyl	mg/kg	5	-	N.D.
Pentabromobiphenyl	mg/kg	5	-	N.D.
Hexabromobiphenyl	mg/kg	5	-	N.D.
Heptabromobiphenyl	mg/kg	5	-	N.D.
Octabromobiphenyl	mg/kg	5	-	N.D.
Nonabromobiphenyl	mg/kg	5	-	N.D.
Decabromobiphenyl	mg/kg	5	-	N.D.
Sum of PBDEs	mg/kg	-	1000	N.D.
Monobromodiphenyl ether	mg/kg	5	-	N.D.
Dibromodiphenyl ether	mg/kg	5	-	N.D.
Tribromodiphenyl ether	mg/kg	5	-	N.D.
Tetrabromodiphenyl ether	mg/kg	5	-	N.D.
Pentabromodiphenyl ether	mg/kg	5	-	N.D.
Hexabromodiphenyl ether	mg/kg	5	-	N.D.
Heptabromodiphenyl ether	mg/kg	5	-	N.D.
Octabromodiphenyl ether	mg/kg	5	-	N.D.
Nonabromodiphenyl ether	mg/kg	5	-	N.D.
Decabromodiphenyl ether	mg/kg	5	-	N.D.
Dibutyl Phthalate (DBP)	mg/kg	50	1000	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	50	1000	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	50	1000	N.D.
Diisobutyl Phthalate (DIBP)	mg/kg	50	1000	N.D.

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Specimen Description:

1. Blue plastic

- Note:
- MDL = Method Detection Limit
 - N.D. = Not Detected(<MDL)
 - 1mg/kg = 1ppm = 0.0001%
 - "-" = Not Regulated
 - Sample for Pb, Cd and Hg testing was completely dissolved

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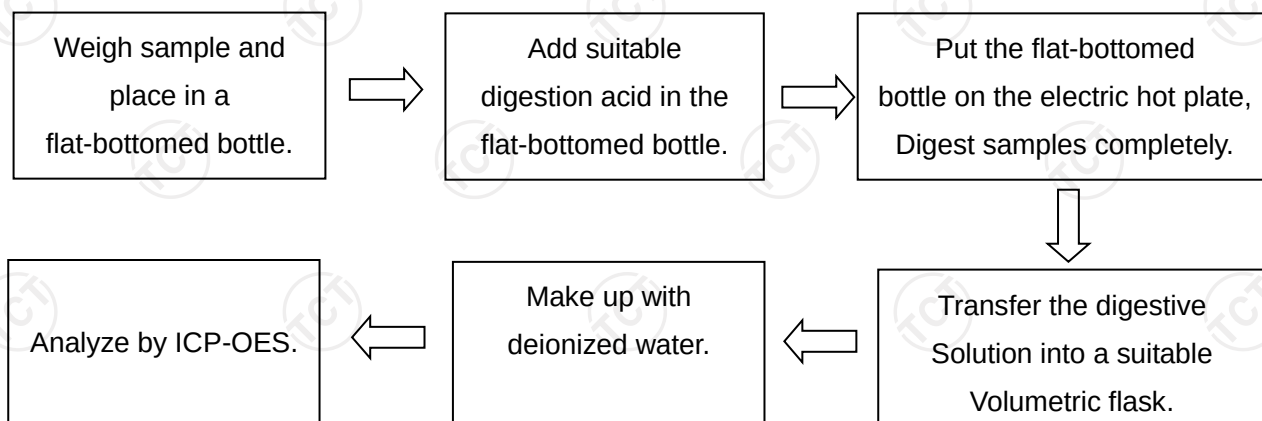
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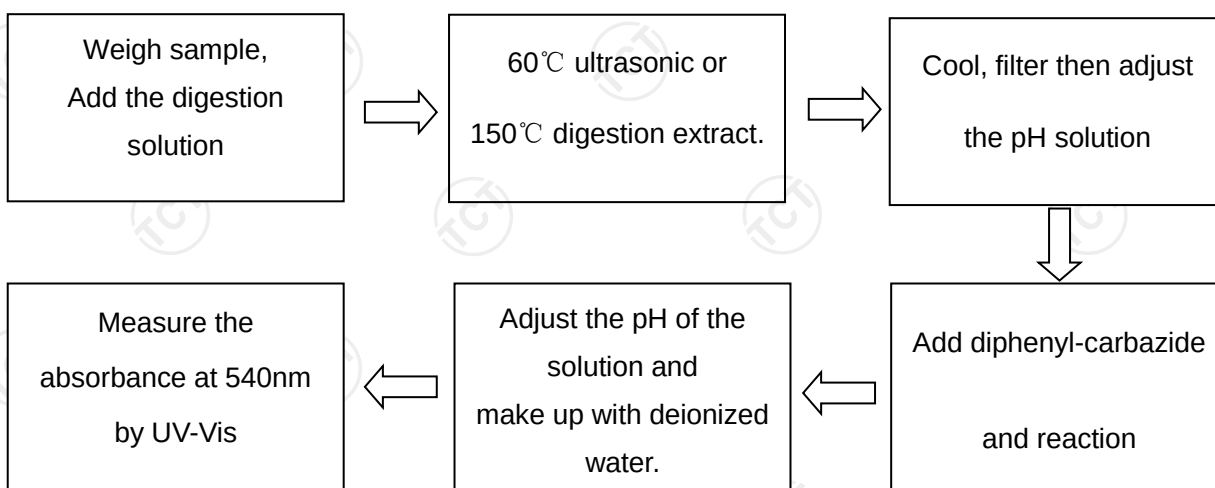
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Test Flow Chart

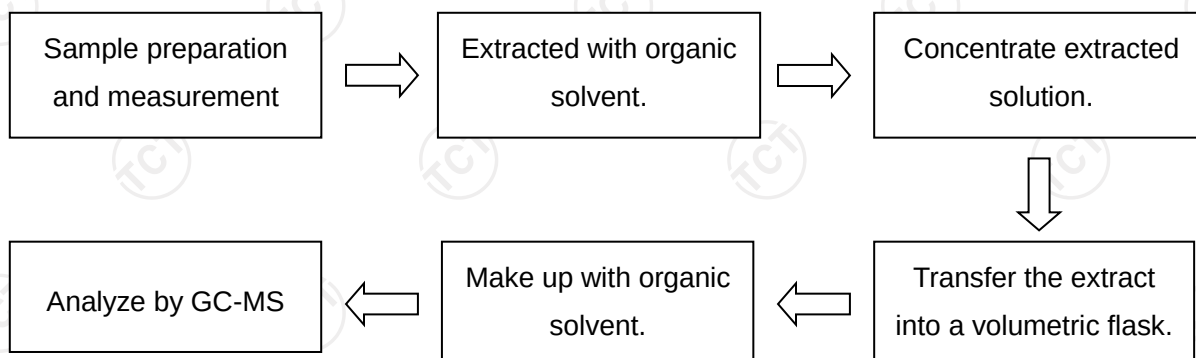
1. Test for Pb, Hg, Cd Content



2. Test for Chromium(VI) Content(Others)



3. Test for PBBs & PBDEs, DBP, BBP, DEHP, DIBP Content



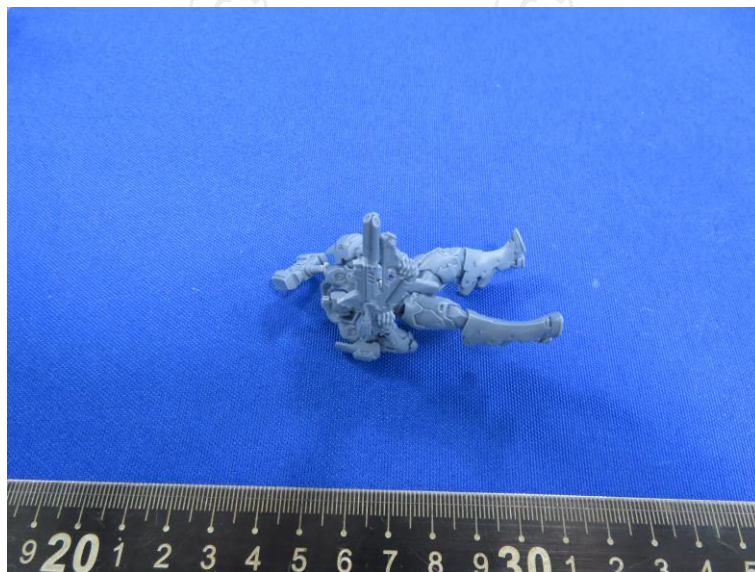
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Photo(s) of the sample(s)



***** End of Report *****

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