



Test Report

Report No : TST20230360029-3RR

Date: Mar.03,2023

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**Applicant/
Manufacturer:** DongGuan LuFeng Silica-Gel&Electronic Parts Co.,Ltd

Address: HuMen Town,DongGuan City,GuangDong Province,BeiCe Area NanFang
Village XinYa Industrial Area

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : Silicone ink

Model No. : FR-W,FR-BL,FR-R,FR-B,FR-Y,FR-G,FR-CT,FR-GL,
FR-PU,FR-UV,FR-EP,FR-MC,FR-SV,FR-PEA

Sample Received Date : Feb.28,2023

Testing Period : Feb.28,2023 To Mar.03,2023

Test Requested : Selected test (s) in the selected parts as requested by client with the RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102amending Annex II to Directive 2011/65/EU on the restriction of hazardous substances.

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Test Conclusion : The test results comply with the limits of RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of

Andy Zheng



Andy Zheng
Technical Director

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RoHS 2.0 Test Result:

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5: 2013,ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5: 2013,ICP-AES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC62321-7-2:2017,UV-Vis	N.D.	8	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013/AMD1:2017,ICP-AES	N.D.	2	1000
Sum of PBBs	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	--	1000
Monobromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Dibromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Tribromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Tetrabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Pentabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Hexabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Heptabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Octabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Nonabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Decabromobiphenyl	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Sum of PBDEs	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	--	1000
Monobromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Dibromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Tribromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Tetrabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Pentabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Hexabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Heptabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Octabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Nonabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Decabromodiphenyl ether	mg/kg	IEC62321-6: 2015,GC-MS	N.D.	5	--
Dibutyl Phthalate(DBP)	mg/kg	IEC62321-8: 2017,GC-MS	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	mg/kg	IEC62321-8: 2017,GC-MS	N.D.	30	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	IEC62321-8: 2017,GC-MS	N.D.	30	1000
Diisobutyl phthalate (DIBP)	mg/kg	IEC62321-8: 2017,GC-MS	N.D.	30	1000

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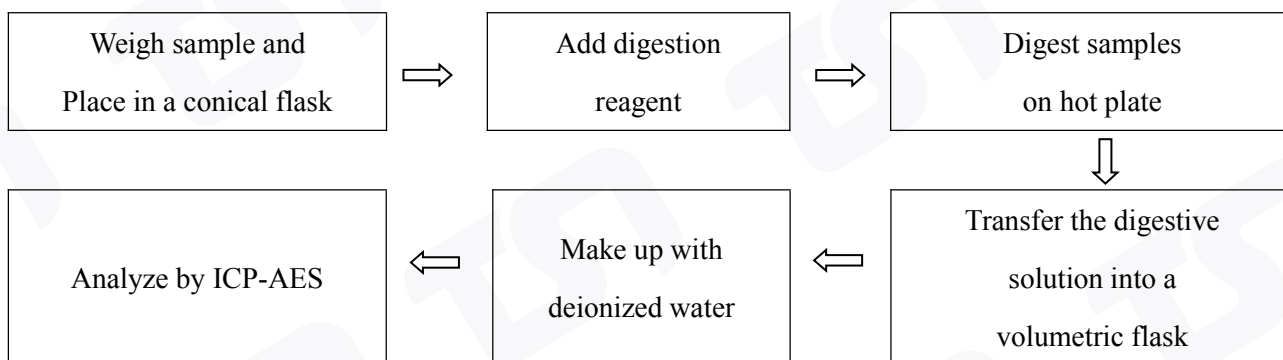
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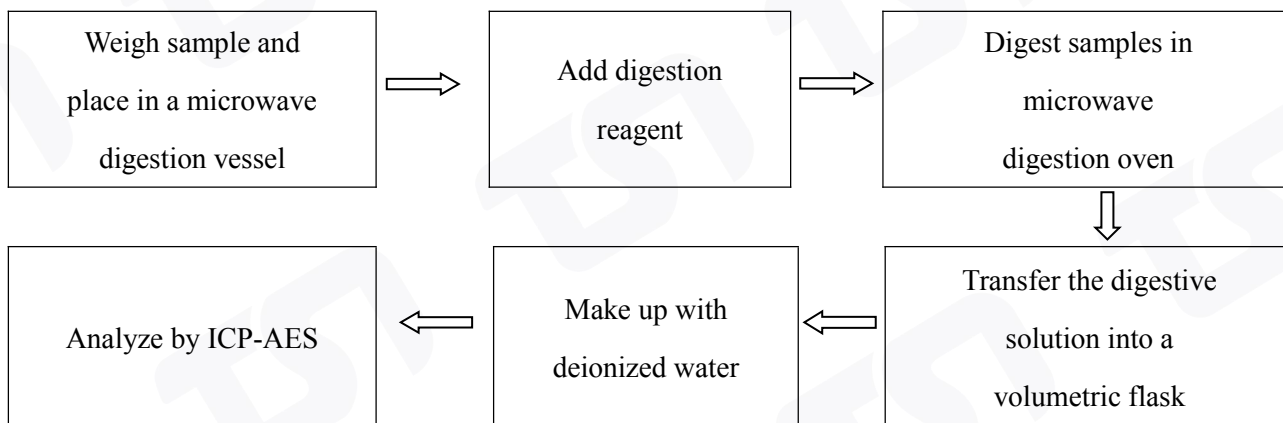
- Note:**
1. mg/kg= ppm
 2. N.D.= No Detection(<MDL)
 3. MDL = Method Detection Limit
 4. -- = No Testing

Test Process:

1. Test for Cd/Pb Content



2. Test for Hg Content



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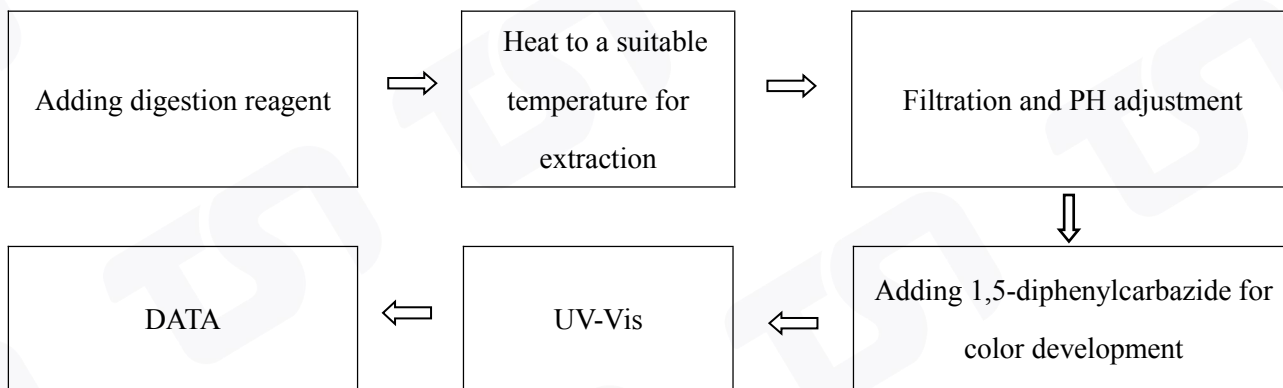
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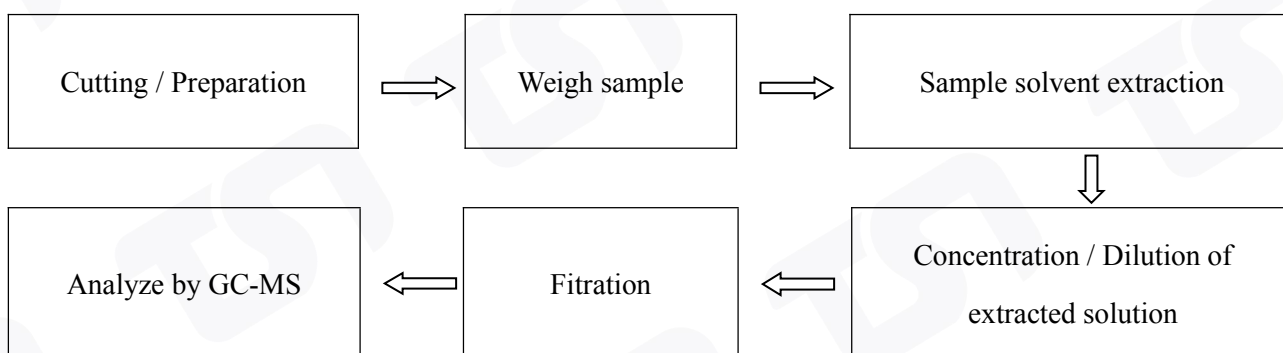
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3. Test for Chromium (VI) Content



4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



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Sample photo:



*** End of Report ***

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