

Test Report

Report No.: TS23020097R1



Verify authenticity

Applicant **BEŞLER TEKSTİL SAN. VE TİC. A.Ş.**

Address **ORGANİZE SANAYİ BÖLGESİ 39. CADDE
NO:5 KAYSERİ TÜRKİYE**

Report Date **2023-04-06**

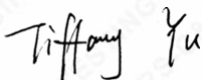
Hangzhou C&K Testing Technic Co., Ltd.




Test Report

Applicant	BEŞLER TEKSTİL SAN. VE TİC. A.Ş.
Address	ORGANİZE SANAYİ BÖLGESİ 39. CADDE NO:5 KAYSERİ TÜRKİYE
Sample Name	GLASSFIBER
Type/ Model	/
Material/Colour	/
Other Info.	/
Sample Received Date	2023-02-03
Test Period	2023-02-03~ 2023-02-08
Test Requirement	Referring to the requirements of RoHS Directive 2011/65/EU (the European Parliament and the Council's Restriction on the use of certain Hazardous Substances in electrical and electronic equipment) and its amendment (EU) 2015/863.
Remark	This report is the revision of TS23020097, the original test report is invalid.

Test Item(s)	Test Result(s)
Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (CrVI), Polybrominated biphenyl (PBBs), Polybrominated diphenyl ether (PBDEs), Butylbenzylphthalate (BBP), Di-(2-ethylhexyl) phthalate (DEHP), Di-n-butyl phthalat (DBP), Di-isobutyl phthalate (DIBP) Content	Pass

Prepared by: 

Tiffany Yu

Reviewed by: 

Li Xuefeng

Accredited
Signatory by:

Li Changhai

Issue date: 2023-04-06

Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS23020097001	TPA	/	/	/

Photo(s):



TS23020097001

Test Method(s):

IEC 62321-3-1:2013: Screening- Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.

IEC 62321-4:2013+AMD1:2017: Mercury in polymers, metals and electronics by ICP-OES.

IEC 62321-5:2013: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by ICP-OES.

IEC 62321-6: 2015: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS).

IEC 62321-7-2:2017: Hexavalent chromium-Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.

IEC 62321-8:2017: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS).

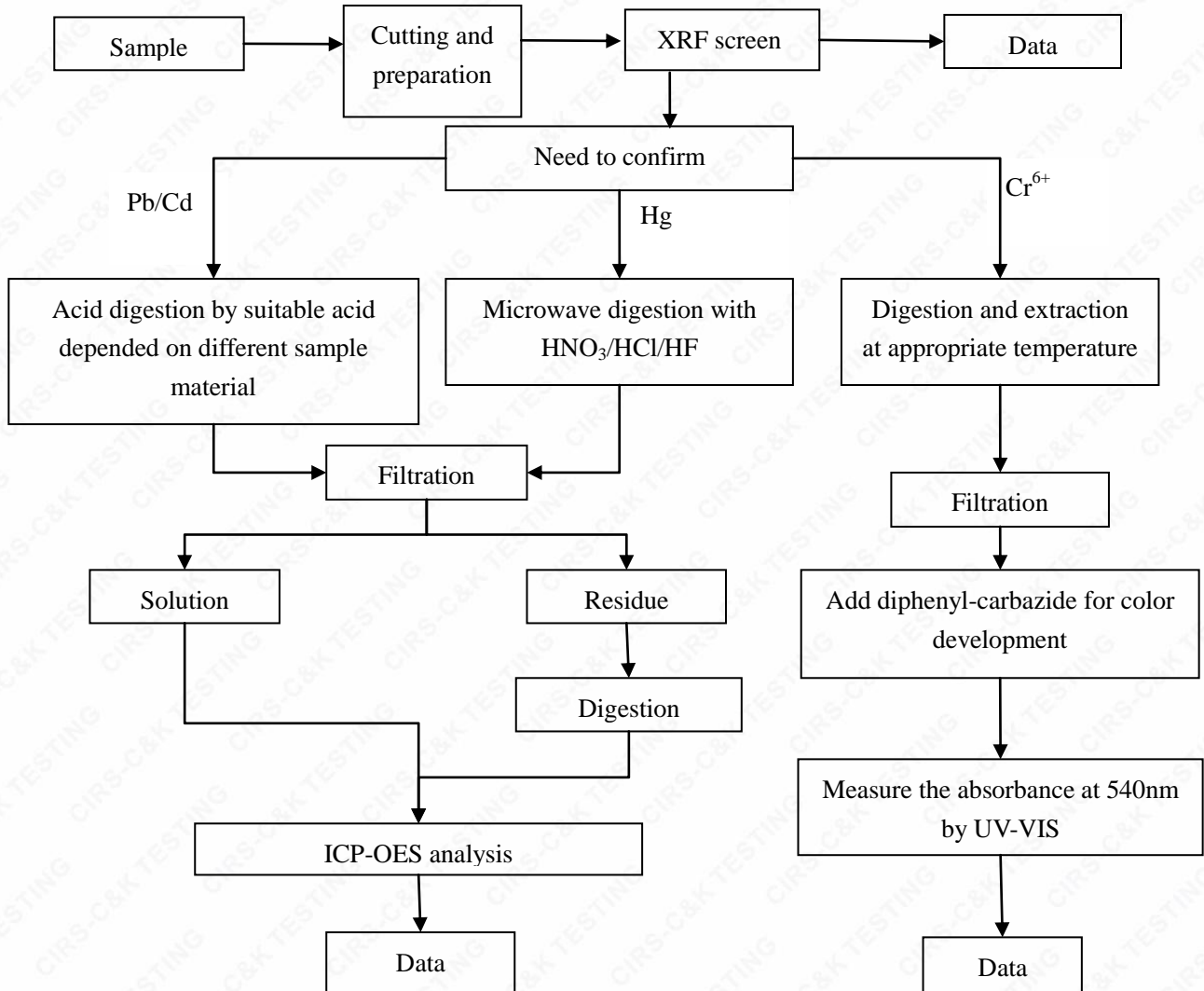
Test Result(s):

Test Item(s)	Requirement	MDL	Unit	Test Result(s)
				001
Lead (Pb)	≤1000	5	mg/kg	N.D.
Cadmium (Cd)	≤100	5	mg/kg	N.D.
Mercury (Hg)	≤1000	5	mg/kg	N.D.
Hexavalent Chromium (CrVI)	≤1000	10	mg/kg	N.D.
Polybrominated biphenyl (PBBs)	≤1000	100	mg/kg	N.D.
Monobromobiphenyl	/	10	mg/kg	N.D.
Dibromobiphenyl	/	10	mg/kg	N.D.
Tribromobiphenyl	/	10	mg/kg	N.D.
Tetrabromobiphenyl	/	10	mg/kg	N.D.
Pentabromobiphenyl	/	10	mg/kg	N.D.
Hexabromobiphenyl	/	10	mg/kg	N.D.
Heptabromobiphenyl	/	10	mg/kg	N.D.
Octabromobiphenyl	/	10	mg/kg	N.D.
Nonabromobiphenyl	/	10	mg/kg	N.D.
Decabromobiphenyl	/	10	mg/kg	N.D.
Polybrominated diphenyl ether (PBDEs)	≤1000	100	mg/kg	N.D.
Monobromodiphenyl ether	/	10	mg/kg	N.D.
Dibromodiphenyl ether	/	10	mg/kg	N.D.
Tribromodiphenyl ether	/	10	mg/kg	N.D.
Tetrabromodiphenyl ether	/	10	mg/kg	N.D.
Pentabromodiphenyl ether	/	10	mg/kg	N.D.
Hexabromodiphenyl ether	/	10	mg/kg	N.D.
Heptabromodiphenyl ether	/	10	mg/kg	N.D.
Octabromodiphenyl ether	/	10	mg/kg	N.D.
Nonabromodiphenyl ether	/	10	mg/kg	N.D.
Decabromodiphenyl ether	/	10	mg/kg	N.D.
Benzyl butyl phthalate (BBP)	≤1000	10	mg/kg	N.D.
Di- (2-ethylhexyl) phthalate (DEHP)	≤1000	10	mg/kg	N.D.
Di-n-butyl phthalat (DBP)	≤1000	10	mg/kg	N.D.
Di-isobutyl phthalate (DIBP)	≤1000	10	mg/kg	N.D.

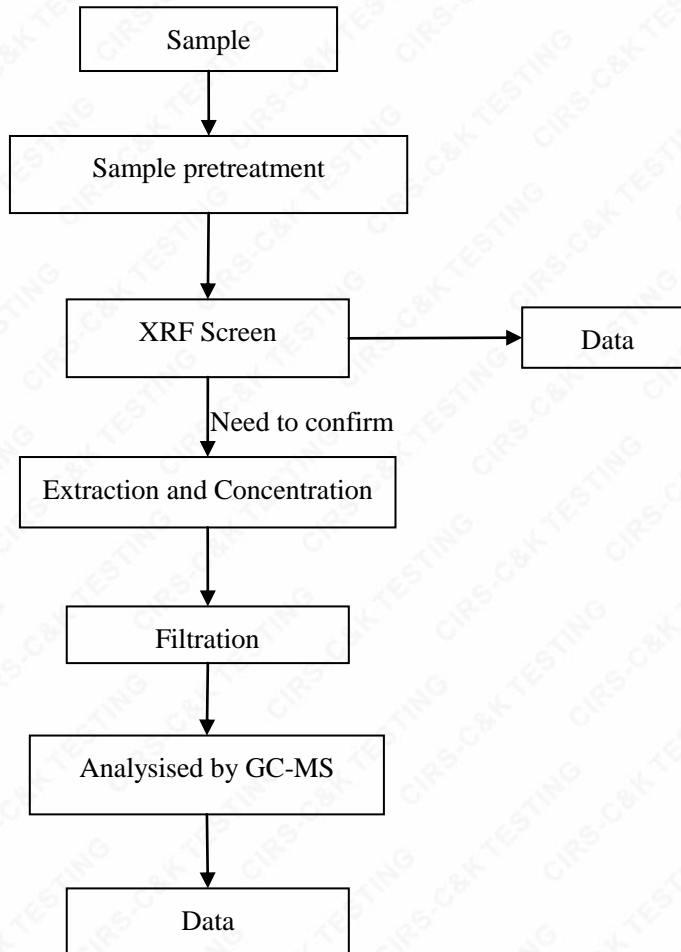
Remarks:

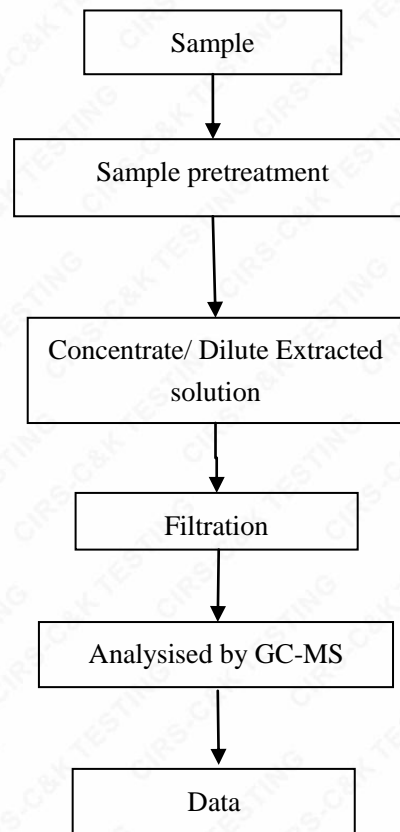
1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Test Flow Chart for the determination of Pb, Cd, Hg, Cr⁶⁺



Test Flow Chart for the determination of PBBs/PBDEs



Test Flow Chart for the determination of Phthalates Content**Statement:**

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- X The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.

The end of report