


Applicant: Treasure Purification Technology (HK) Ltd
Address: Unit, 4/F, China Insurance Building, 48 Cameron Road, Tsim Sha Tsui, Kowloon, Hong Kong


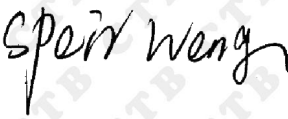
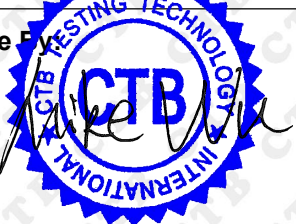
Manufacturer: Treasure Purification Technology (HK) Ltd
Address: Unit, 4/F, China Insurance Building, 48 Cameron Road, Tsim Sha Tsui, Kowloon, Hong Kong

The following samples were submitted and identified on behalf of the clients as:

Sample name: TX-5 Nano Catalyst
Brand:  [®]
Model(s): TX-5 Full Series, C, S, N Series
Batch No.: /
Sample received date: Mar 14, 2023
Testing period: Mar 14, 2023 to Mar 20, 2023
Test Method: Please refer to next page(s).
Test Result: Please refer to next page(s).

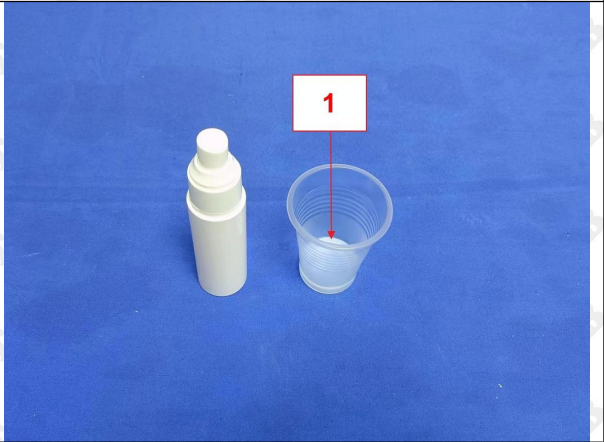
Result Summary :

Test Requested	Conclusion
European Directive 2011/65/EU and amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment	PASS

Tested By: 	Check By: 	Approve By: 
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Date: Mar 21, 2023

Sample Description:

No.	Description	Photo(s) of tested material
1	Light blue translucent liquid	

Note: test samples were specified by applicant.

Test Method:

Test Item(s)	Test Method	Analysis Equipment(s)	MDL	Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES	2 mg/kg	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg	100mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000mg/kg
Hexavalent Chromium Cr(VI)	IEC 62321-7-1:2015	UV-VIS	--	1000mg/kg
	IEC 62321-7-2:2017		8mg/kg	1000mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	50 mg/kg	1000mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	50 mg/kg	1000mg/kg
Phthalates	IEC 62321-8:2017	GC-MS	50 mg/kg	1000 mg/kg

Test Result(s):

Test Item(s)	Limit (mg/kg)	Result (mg/kg)
		1
Lead (Pb)	1000	N.D
Cadmium (Cd)	100	N.D
Mercury (Hg)	1000	N.D
Hexavalent Chromium (Cr(VI))	1000	N.D
Monobromobiphenyl	-	N.D
Dibromobiphenyl	-	N.D
Tribromobiphenyl	-	N.D
Tetrabromobiphenyl	-	N.D
Pentabromobiphenyl	-	N.D
Hexabromobiphenyl	-	N.D
Heptabromobiphenyl	-	N.D
Octabromobiphenyl	-	N.D
Nonabromobiphenyl	-	N.D
Decabromobiphenyl	-	N.D
Sum of PBBs	1000	N.D
Monobromodiphenyl ether	-	N.D
Dibromodiphenyl ether	-	N.D
Tribromodiphenyl ether	-	N.D
Tetrabromodiphenyl ether	-	N.D
Pentabromodiphenyl ether	-	N.D
Hexabromodiphenyl ether	-	N.D
Heptabromodiphenyl ether	-	N.D
Octabromodiphenyl ether	-	N.D
Nonabromodiphenyl ether	-	N.D
Decabromodiphenyl ether	-	N.D
Sum of PBDEs	1000	N.D
Conclusion	-	PASS

Test Item(s)	Dibutyl Phthalate (DBP) (mg/kg)	Benzylbutyl Phthalate (BBP) (mg/kg)	Bis-(2-ethylhexyl) Phthalate (DEHP) (mg/kg)	Diisobutyl phthalate (DIBP) (mg/kg)	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit	1000	1000	1000	1000	
No.	Result (mg/kg)				
1	N.D	N.D	N.D	N.D	PASS

Remark:

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million= ppm

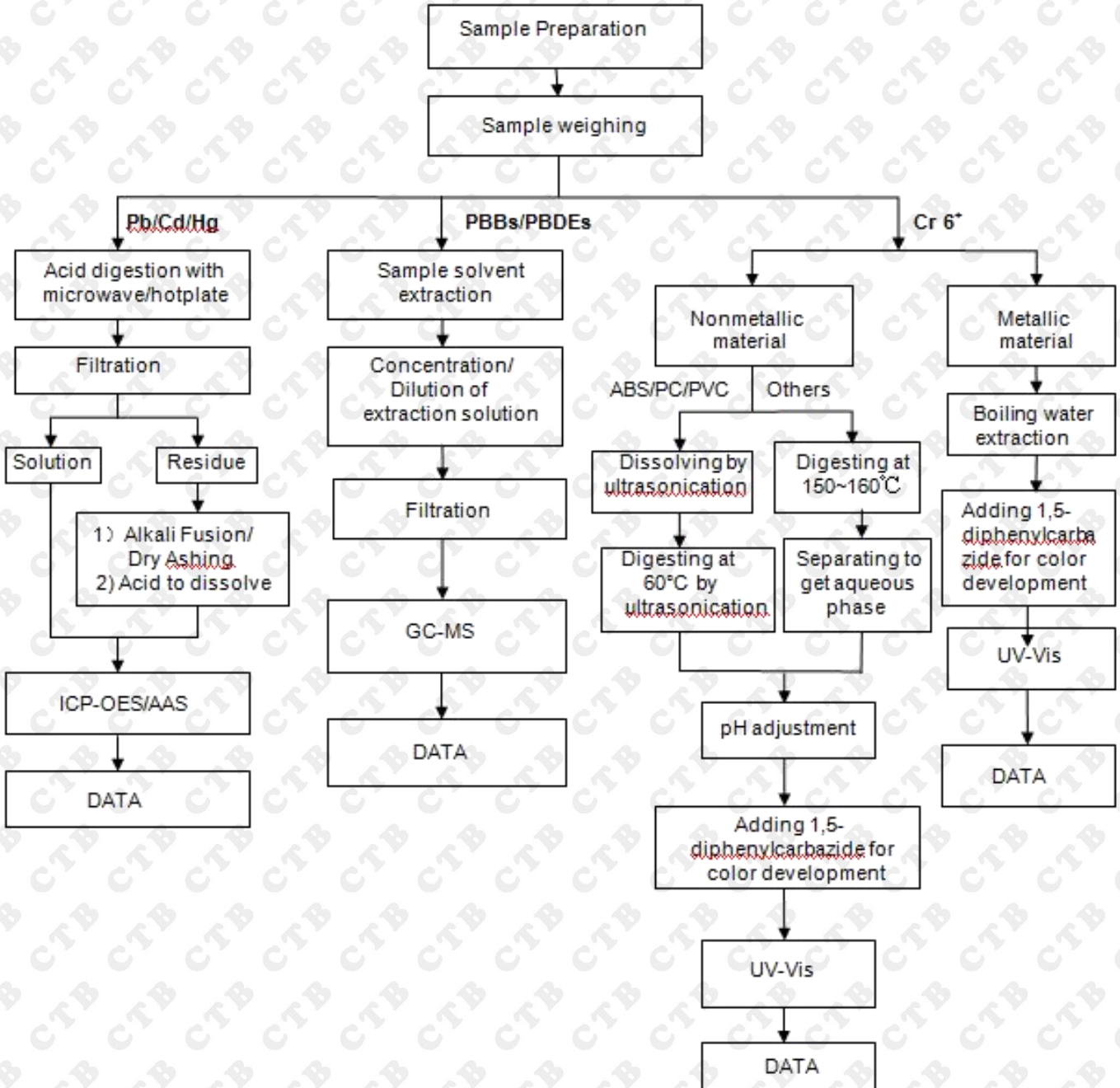
-" / " = Not conducted.

-Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.1µg/cm² with 50cm² sample surface area used.

-Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than 0.13µg/cm²with 50cm² sample surface area used.

Test flow chart

1. Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs



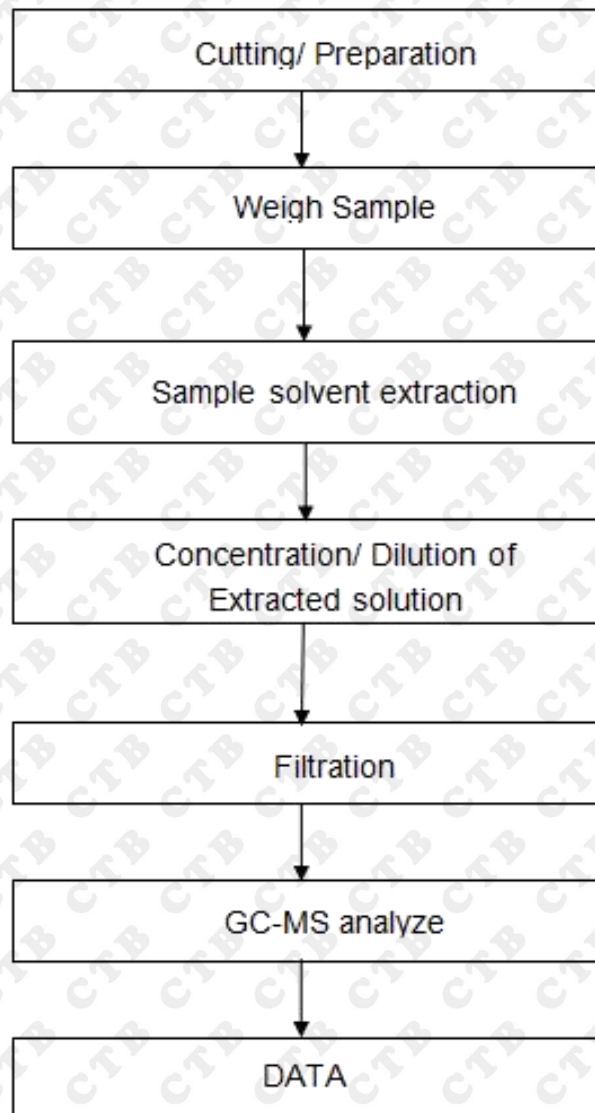
2. Phthalate test flow chart

Photo documentation

The following photos are provided by the customer:



*** End of Report ***

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. “*” indicates the testing items were fulfilled by subcontracted lab. “#” indicates the items are not in CNAS accreditation scope.