

Test Report

No. CANEC2216587201

Date: 08 Aug 2022

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Client Name : GREEN PACKAGING TECHNOLOGY (JIANGSU) CO; LTD.

Client Address : NO.199, HONGXI ROAD, WUJIN DISTRICT, CHANGZHOU CITY, JIANGSU PROVINCE

Sample Name : Pet degradation particles

Material : PET

The above sample(s) and information were provided by the client.

SGS Job No. : CP22-042980 - GZ

Date of Sample Received : 02 Aug 2022

Testing Period : 02 Aug 2022 - 05 Aug 2022

Test Requested : Selected test(s) as requested by the client.

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

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

Result Summary :

Test Requested	Conclusion
European Directive 94/62/EC and its amendments - Total Lead, Cadmium, Mercury and Hexavalent Chromium Content	PASS
Elementary Analysis	See Results
Halogen	See Results

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Allie Chen

Allie Chen
Approved Signatory

scan to see the report



B6A52347



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-165872.001	Light brown translucent material

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

European Directive 94/62/EC and its amendments - Total Lead, Cadmium, Mercury and Hexavalent Chromium Content

Test Method : With reference to GZTC CHEM-TOP-174-01, analysis was performed by ICP-OES & UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	-	mg/kg	5	ND
Lead (Pb)	-	mg/kg	5	ND
Hexavalent Chromium (CrVI)	-	mg/kg	8	ND
Mercury (Hg)	-	mg/kg	5	ND
Total (Pb + Cd + Cr VI + Hg)	100	mg/kg	-	ND
Comment				PASS

Elementary Analysis

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to EPA 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	001
Copper (Cu)	mg/kg	5	ND
Nickel (Ni)	mg/kg	5	ND
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Chromium (Cr)	mg/kg	2	ND
Molybdenum (Mo)	mg/kg	5	ND
Selenium (Se)	mg/kg	10	ND
Cobalt (Co)	mg/kg	5	ND



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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Arsenic (As)	mg/kg	10	ND

Halogen

Test Method : With reference to EN 14582:2016, analysis was performed by IC.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Fluorine (F)	mg/kg	50	ND

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



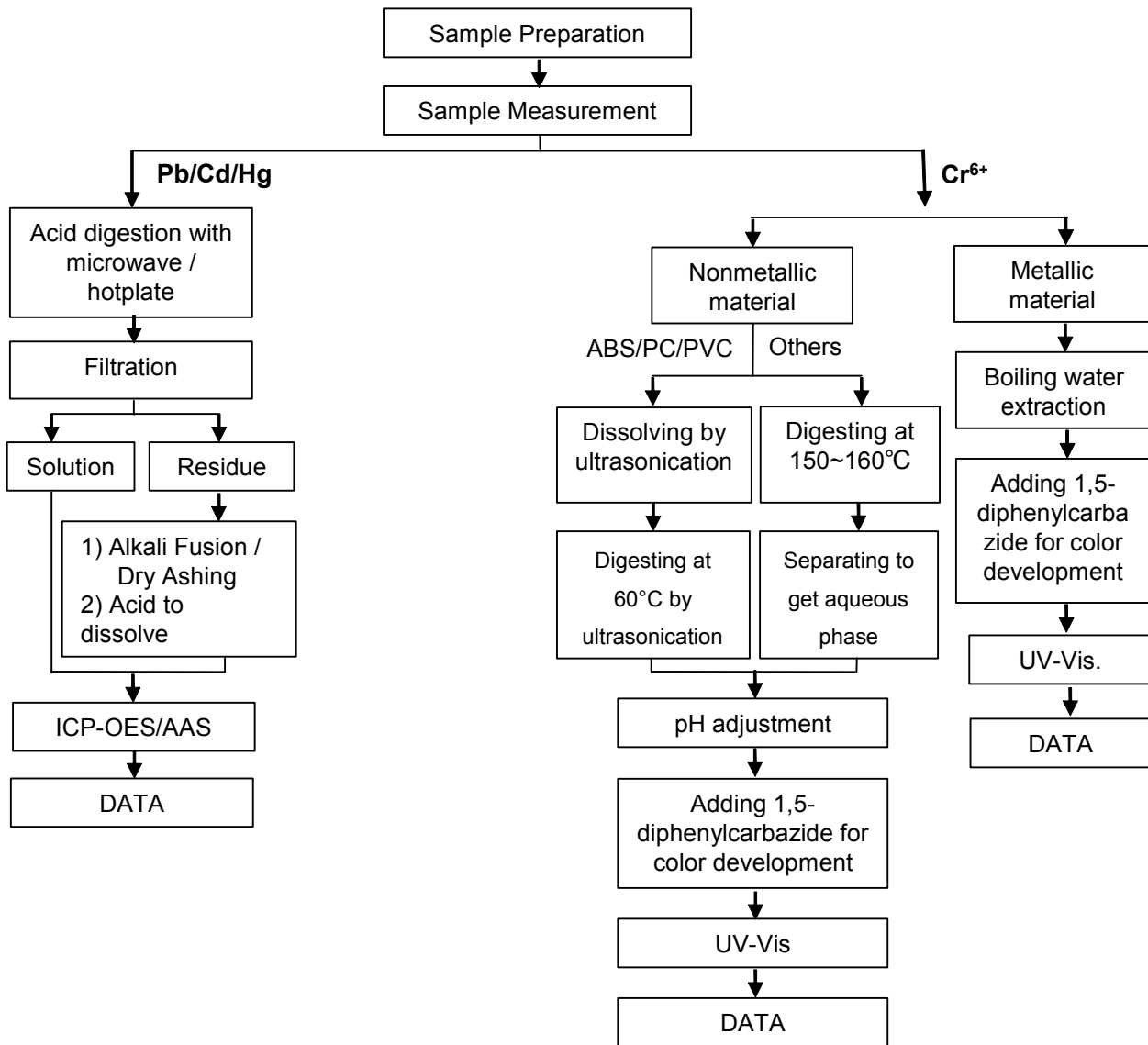
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Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded).

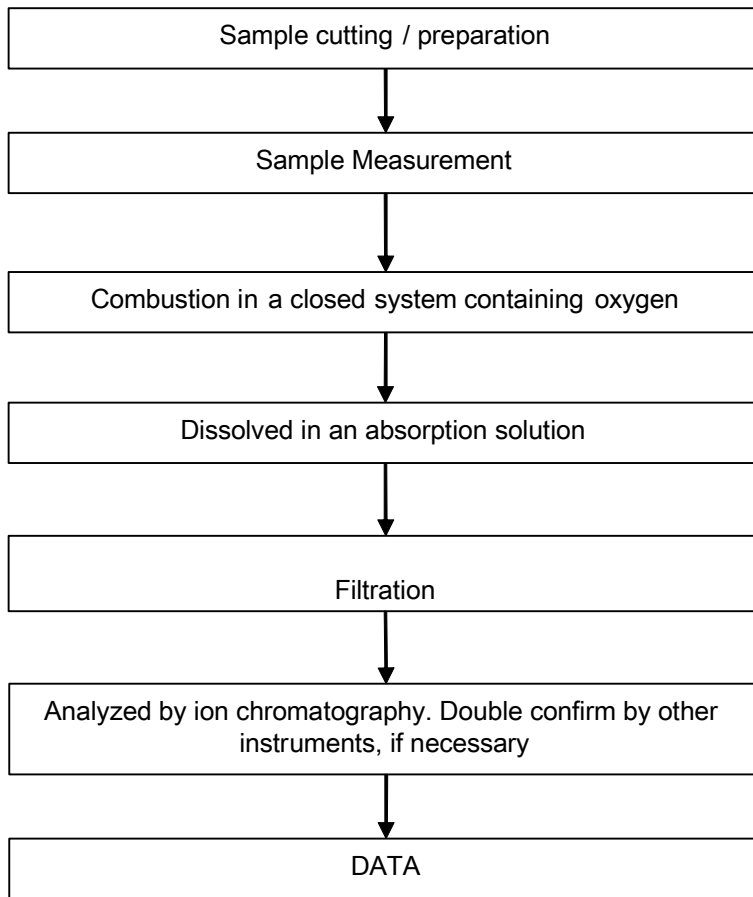


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Halogen Testing Flow Chart

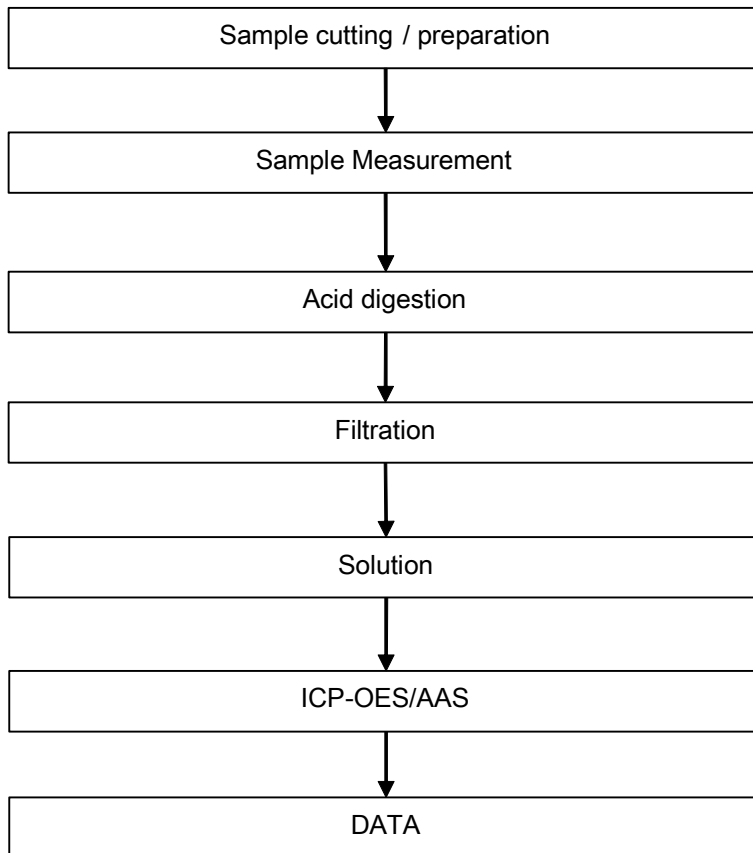


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Elementary Testing Flow Chart



Sample photo:



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*** End of Report ***

