

Test Report

No. CANEC2202957601

Date: 17 Mar 2022

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Client Name : ASIA SYMBOL(GUANGDONG) PAPER CO., LTD

Client Address : NO.1 RUIFENG INDUSTRY ZONE,SHALU VILLAGE,SHUANGSHUI TOWN,XINHUI DISTRICT,JIANGMEN CITY,GUANGDONG PROVINCE CHINA

Sample Name : Copy Paper&offset Paper

Model No. : Copy paper 67g/m², Offset paper 80g/m²

Client Ref. Info. : 50g/m², 55g/m², 58g/m², 60g/m², 65g/m², 67g/m², 68g/m²

70g/m², 72g/m², 75g/m², 78g/m², 80g/m², 85g/m², 90g/m²

95g/m², 98g/m², 100g/m², 110g/m², 115g/m², 118g/m², 120g/m²

140g/m²

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

SGS Job No. : CP22-008050 - GZ

Date of Sample Received : 01 Mar 2022

Testing Period : 01 Mar 2022 - 10 Mar 2022

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

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

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

Result Summary :

Test Requested	Conclusion
Halogen	See Results
Tetrabromobisphenol A (TBBP-A)	See Results
CONSUMER PRODUCT SAFETY COMMISSION---16 CFR Part 1307,Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates	PASS
Organic-tin compounds	See Results
Phthalate	See Results
PFCS (Perfluorinated compounds)	See Results
CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)	PASS



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Guangzhou Branch Testing Center Chemical Laboratory.

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

Jessie Li

Jessie Li
Approved Signatory



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

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-029576.001	White paper sheet(a)+white paper sheet(b)

Remarks :

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

Halogen

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

Test Item(s)	Unit	MDL	001
Fluorine (F)	mg/kg	50	ND
Chlorine (Cl)	mg/kg	50	172
Bromine (Br)	mg/kg	50	ND
Iodine (I)	mg/kg	50	ND

Notes :

The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

Tetrabromobisphenol A (TBBP-A)

Test Method : SGS In-house method (GZTC CHEM-TOP-065, With reference to EPA 3540C:1996 & EPA 8270E:2017), analysis was performed by LC-MS/MS.

Test Item(s)	Unit	MDL	001
Tetrabromobisphenol A (TBBP-A)	mg/kg	5	ND

Notes :

The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

CONSUMER PRODUCT SAFETY COMMISSION—16 CFR Part 1307,Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates



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Test Method : With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.005	ND
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.005	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	0.1	%(w/w)	0.005	ND
Di(2-ethylhexyl)phthalate(DEHP)	117-81-7	0.1	%(w/w)	0.005	ND
Diethyl Phthalates (DHEXP/ DnHP)	84-75-3	0.1	%(w/w)	0.005	ND
Diisobutyl Phthalate (DIBP)	84-69-5	0.1	%(w/w)	0.005	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	0.1	%(w/w)	0.005	ND
Dipentyl Phthalates (DPENP/DnPP)	131-18-0	0.1	%(w/w)	0.005	ND
Comment					PASS

Organic-tin compounds

Test Method : SGS In-house method (GZTC CHEM-TOP-031, with reference to ISO 17353:2004), analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	001
Monobutyl tin (MBT)	mg/kg	0.02	ND
Dibutyl tin (DBT)	mg/kg	0.02	ND
Tributyl tin (TBT)	mg/kg	0.02	ND
Monooctyl tin (MOT)	mg/kg	0.02	ND
Tetrabutyltin (TTBT/TeBT)	mg/kg	0.02	ND
Diocetyl tin (DOT)	mg/kg	0.02	ND
Triphenyl tin (TPHT)	mg/kg	0.02	ND
Tricyclohexyl tin (TCyT)	mg/kg	0.02	ND

Notes :

The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

Phthalate

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND



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Test Item(s)	CAS NO.	Unit	MDL	001
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.010	ND
Dimethyl Phthalate (DMP)	131-11-3	%(w/w)	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%(w/w)	0.003	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%(w/w)	0.010	ND
Dipropyl Phthalate (DPrP)	131-16-8	%(w/w)	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%(w/w)	0.003	ND
Dipentyl Phthalates (DPENP/DnPP)	131-18-0	%(w/w)	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%(w/w)	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%(w/w)	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%(w/w)	0.003	ND

Notes :

(1) DBP,BBP,DEHP, DIBP Reference information: Entry 51 of Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006:

i) Shall not be used as substances or in mixtures, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.

ii) Shall not be placed on the market in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material. In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material.

iii) shall not be placed on the market after 7 July 2020 in articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material in the articles.

Please refer to Regulation (EU) 2018/2005 to get more detail information

(2) DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.

ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EU) 2015/326 to get more detail information

(3) The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



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PFCS (Perfluorinated compounds)

Test Method : With reference to CEN/TS15968:2010, analysis was performed by LC-MS or LC-MS/MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Perfluorooctane sulfonates (PFOS) ^	1763-23-1	mg/kg	1	ND
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	mg/kg	1	ND
N-methylperfluoro-1-octanesulfonamide(MeFOSA)	31506-32-8	mg/kg	1	ND
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	mg/kg	1	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol(MeFOSE)	24448-09-7	mg/kg	1	ND
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol(EtFOSE)	1691-99-2	mg/kg	1	ND
Perfluorooctane sulfonates (PFOS) and its derivatives	-	mg/kg	-	ND
Perfluorooctane sulfonates (PFOS) and its derivatives	-	mg/kg	-	ND
Perfluorobutane Acid (PFBA)	375-22-4	mg/kg	1	ND
Perfluoropentane Acid (PFPA)	2706-90-3	mg/kg	1	ND
Perfluorohexane acid (PFHxA)	307-24-4	mg/kg	1	ND
7H-Dodecafluoroheptane Acid (HPFHpA)	1546-95-8	mg/kg	1	ND
Perfluorobutane Sulfonate (PFBS)	375-73-5	mg/kg	1	ND
Perfluoroheptane Acid (PFHpA)	375-85-9	mg/kg	1	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (H ₄ PFOS 6:2)	27619-97-2	mg/kg	1	ND
Perfluorooctanoic acid (PFOA) and its salts+	335-67-1	mg/kg	1	ND
2H,2H-Perfluorodecane Acid (H ₂ PFDA)	27854-31-5	mg/kg	1	ND
Perfluorohexane Sulfonate (PFHxS)	355-46-4	mg/kg	1	ND
Perfluorononane Acid (PFNA)	375-95-1	mg/kg	1	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	mg/kg	1	ND
Perfluoroheptane Sulfonate (PFHpS)	375-92-8	mg/kg	1	ND
Perfluorodecane Acid (PFDA)	335-76-2	mg/kg	1	ND
2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUnA)	34598-33-9	mg/kg	1	ND
Perfluoroundecanoic Acid (PFUdA)	2058-94-8	mg/kg	1	ND
Perfluorododecanoic Acid (PFDoA)	307-55-1	mg/kg	1	ND
Perfluorodecane Sulfonate (PFDS)	335-77-3 / 126105-34-8	mg/kg	1	ND
Perfluorotridecanoic Acid (PFTTrA)	72629-94-8	mg/kg	1	ND
Perfluorotetradecanoic Acid (PFTTeA)	376-06-7	mg/kg	1	ND

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- (1) + PFOA and its salts including PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) and APFO (CAS No.: 3825-26-1);
- (2) ^ PFOS including PFOS-K (CAS No.: 2795-39-3), PFOS-Li (CAS No.: 29457-72-5), PFOS-NH₄ (CAS No.: 29081-56-9), PFOS-NH(OH)₂ (CAS No.: 70225-14-8), PFOS-N(C₂H₅)₄ (CAS No.: 56773-42-3), PFOS-DDA (CAS No.: 251099-16-8) and POSF (CAS No.: 307-35-7)
- (3) The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)

Test Method : With reference to CPSC-CH-E1002-08.3, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001
Lead (Pb)	0.01	%(w/w)	0.002	ND
Comment				PASS

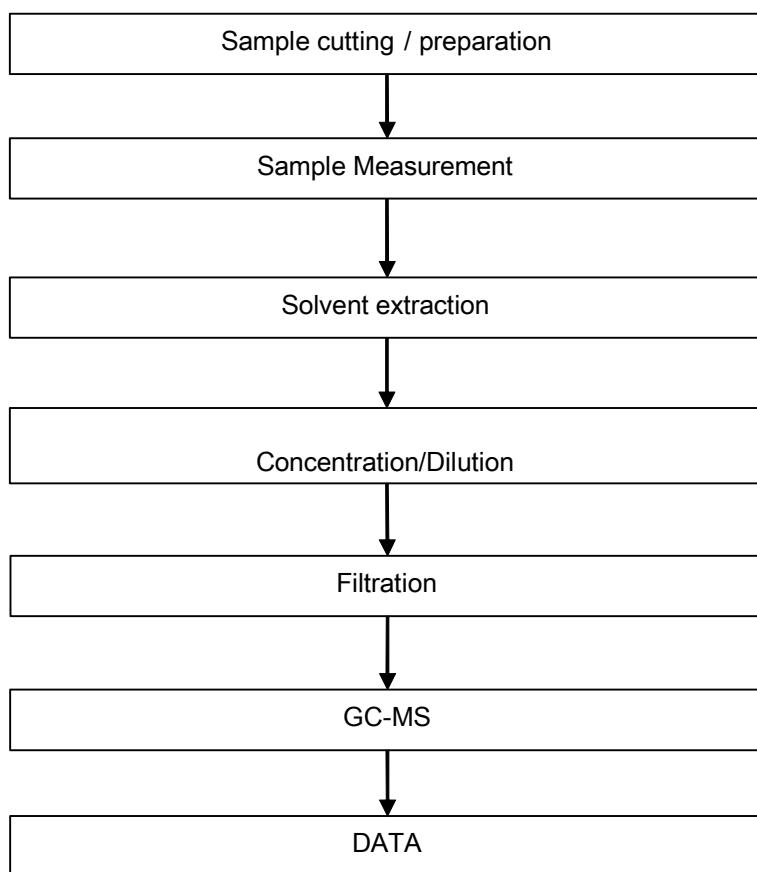
Notes :

1. Composite test has been performed and the result is calculated using the minimum sample weight.



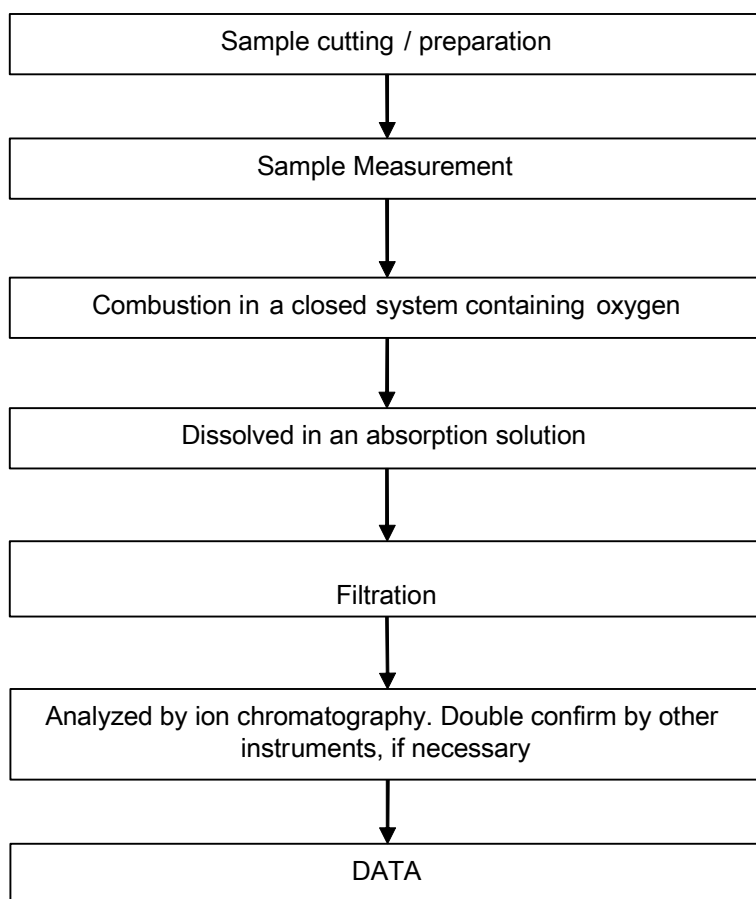
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Phthalates Testing Flow Chart



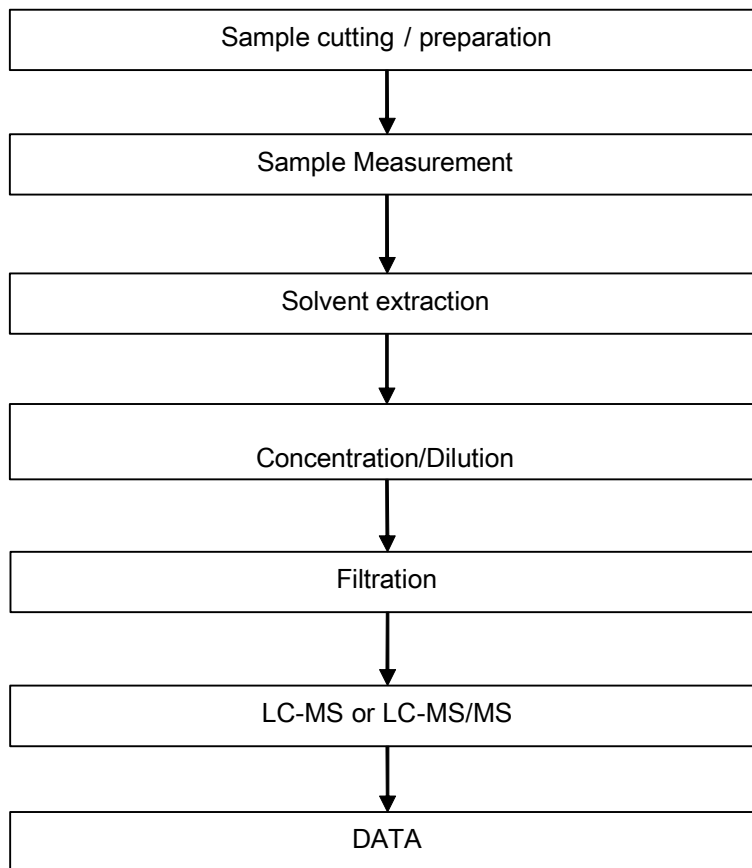
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Halogen Testing Flow Chart



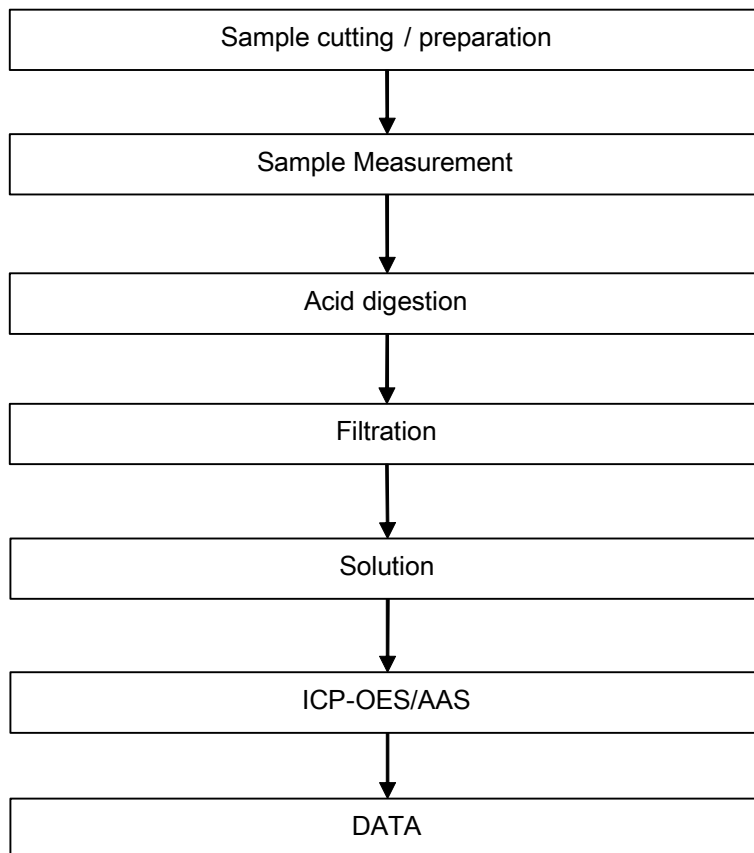
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PFOA / PFOS Testing Flow Chart



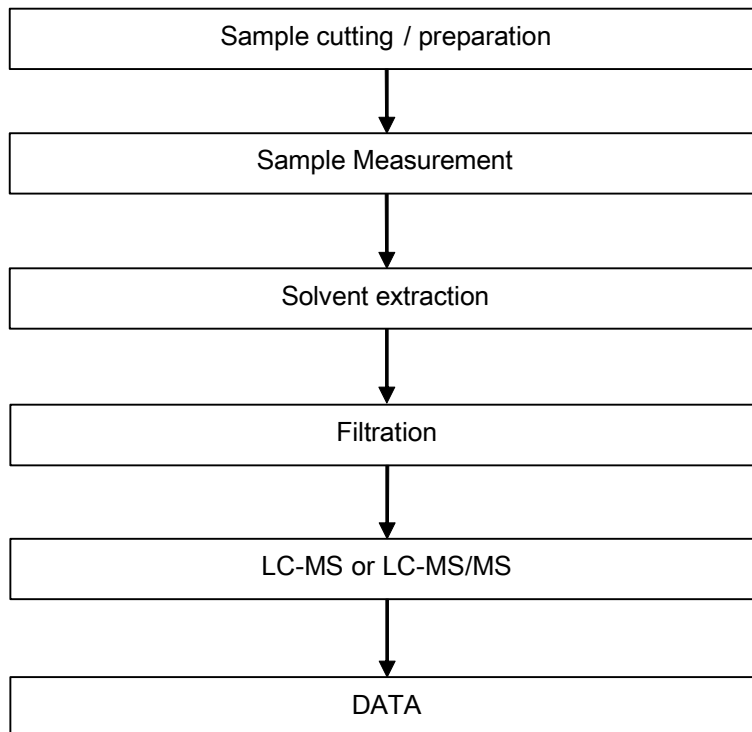
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Elementary Testing Flow Chart



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TBBP-A Testing Flow Chart



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Sample photo:



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