TEST REPORT

APPLICANT : KCC Corporation
ADDRESS : 764, Gwahak-ro, Bongdong-eup, Wanju-gun,
Jeollabuk-do, Korea

REPORT NO. RT25R-S8348-011-E DATE: Jan. 02, 2026

SAMPLE DESCRIPTION	: The following submitted sample(s) said to be:-
NAME/TYPE OF PRODUCT	: KTMC-1050G(+)
SAMPLE ID NO.	: RT25R-S8348-011
MANUFACTURER/VENDOR	: KCC Corporation
SAMPLE RECEIVED	: Dec. 10, 2025
TESTING DATE	: Dec. 10, 2025 ~ Jan. 02, 2026
TEST METHOD(S)	: Please see the following page(s).
TEST RESULT(S)	: Please see the following page(s).

* Note 1 : The test results presented in this report refer only to the object tested.
* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,

Nikkie Lee / Lab. Technical Manager

Authorized by,

Jade Jang / Lab. General Manager

Authenticity check

Intertek Testing Services Korea Ltd.
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TEST REPORT

REPORT NO. RT25R-S8348-011-E DATE: Jan. 02, 2026

SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	0.5	N.D.
Lead (Pb)	mg/kg		5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013+AMD1:2017 CSV, by acid digestion and determined by ICP-OES	2	N.D.
Hexavalent Chromium (Cr^{6+})	mg/kg	With reference to IEC 62321-7-2 Edition 1.0 : 2017, by alkaline/toluene digestion and determined by UV-VIS Spectrophotometer	8	N.D.
Polybrominated Biphenyl (PBBs)				
Monobromobiphenyl	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, by solvent extraction and determined by GC/MS	5	N.D.
Dibromobiphenyl	mg/kg		5	N.D.
Tribromobiphenyl	mg/kg		5	N.D.
Tetrabromobiphenyl	mg/kg		5	N.D.
Pentabromobiphenyl	mg/kg		5	N.D.
Hexabromobiphenyl	mg/kg		5	N.D.
Heptabromobiphenyl	mg/kg		5	N.D.
Octabromobiphenyl	mg/kg		5	N.D.
Nonabromobiphenyl	mg/kg		5	N.D.
Decabromobiphenyl	mg/kg		5	N.D.
Polybrominated Diphenyl Ether (PBDEs)				
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, by solvent extraction and determined by GC/MS	5	N.D.
Dibromodiphenyl ether	mg/kg		5	N.D.
Tribromodiphenyl ether	mg/kg		5	N.D.
Tetrabromodiphenyl ether	mg/kg		5	N.D.
Pentabromodiphenyl ether	mg/kg		5	N.D.
Hexabromodiphenyl ether	mg/kg		5	N.D.
Heptabromodiphenyl ether	mg/kg		5	N.D.
Octabromodiphenyl ether	mg/kg		5	N.D.
Nonabromodiphenyl ether	mg/kg		5	N.D.
Decabromodiphenyl ether	mg/kg		5	N.D.

Tested by : Jooyeon Lee, Chano Kim, Hayan Park

Notes : mg/kg = ppm = parts per million
< = Less than
N.D. = Not detected (<MDL)
MDL = Method detection limit

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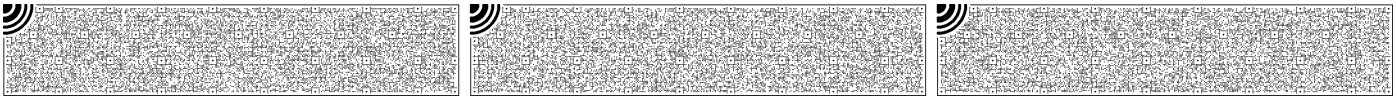

TEST REPORT

REPORT NO. RT25R-S8348-011-E DATE: Jan. 02, 2026

SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Bromine (Br)	mg/kg	With reference to EN 14582, by oxygen combustion with bomb and determined by IC	30	N.D.
Chlorine (Cl)	mg/kg	With reference to EN 14582, by oxygen combustion with bomb and determined by IC	30	146
Fluorine (F)	mg/kg	With reference to EN 14582, by oxygen combustion with bomb and determined by IC	30	N.D.
Iodine (I)	mg/kg	With reference to EN 14582, by oxygen combustion with bomb and determined by IC	30	N.D.
Beryllium (Be)	mg/kg	With reference to US EPA 3052, by acid digestion and determined by ICP-OES	2	N.D.
Antimony (Sb)	mg/kg	With reference to US EPA 3052, by acid digestion and determined by ICP-OES	2	N.D.
Hexabromocyclododecane (HBCDD)	mg/kg	With reference to IEC 62321-9 : 2021, by solvent extraction and determined by LC/MS and GC/MS	10	N.D.

Tested by : Chano Kim, Jooyeon Lee, Hayan Park

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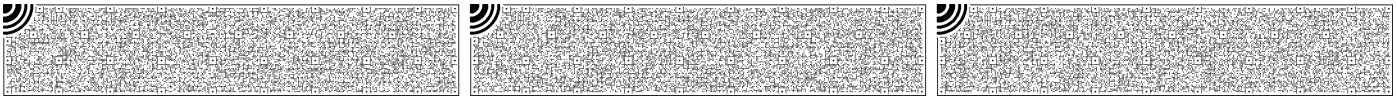

TEST REPORT

REPORT NO. RT25R-S8348-011-E DATE: Jan. 02, 2026

SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Medium-chain chlorinated paraffin (MCCP)	mg/kg	With reference to US EPA 3540C, by solvent extraction and determined by LC/MS/MS and/or GC/ECD	100	N.D.
Perfluorooctanoic acid (PFOA)	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by LC/MS or LC/MS/MS	0.025	N.D.
Perfluorooctane sulfonate (PFOS)	mg/kg	With reference to US EPA 3550C/8321B, by ultrasonic extraction and determined by LC/MS or LC/MS/MS	0.025	N.D.
2,4,6-tris(tert-butyl) phenol	mg/kg	With reference to US EPA 3550C, determined by GC/MS	5	N.D.
Decabromodiphenyl ether	mg/kg	With reference to US EPA 3540C, determined by GC/MS	5	N.D.
Phenol, isopropylated, phosphate (3:1)	mg/kg	With reference to US EPA 3550C, determined by LC/MS/MS	1	N.D.
Pentachlorothiophenol	mg/kg	With reference to US EPA 3550C, determined by GC/MS	5	N.D.
Hexachlorobutadiene (HCBD)	mg/kg	With reference to US EPA 3550C, determined by GC/MS	10	N.D.
Red Phosphorus	-	Determined by Pyrolyzer-GC/MS	N.A.	Negative

Tested by : Hayan Park

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N.A. = Not applicable
Negative = Undetectable
Positive = Detectable

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SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Polycyclic aromatic hydrocarbons (PAHs)				
Acenaphthene	mg/kg	With reference to US EPA 8100, by solvent extraction and determined by GC/MS	1	N.D.
Acenaphthylene	mg/kg		1	N.D.
Anthracene	mg/kg		1	N.D.
Benzo(a)anthracene	mg/kg		1	N.D.
Benzo(b)fluoranthene	mg/kg		1	N.D.
Benzo(j)fluoranthene	mg/kg		1	N.D.
Benzo(k)fluoranthene	mg/kg		1	N.D.
Benzo(g,h,i)perylene	mg/kg		1	N.D.
Benzo(c)phenanthrene	mg/kg		1	N.D.
Benzo(a)pyrene	mg/kg		1	N.D.
Benzo(e)pyrene	mg/kg		1	N.D.
Chrysene	mg/kg		1	N.D.
Dibenzo(a,h)anthracene	mg/kg		1	N.D.
Dibenzo(a,h)pyrene	mg/kg		1	N.D.
Dibenzo(a,i)pyrene	mg/kg		1	N.D.
Dibenzo(a,l)pyrene	mg/kg		1	N.D.
7,12-Dimethylbenz(a)anthracene	mg/kg		1	N.D.
Fluoranthene	mg/kg		1	N.D.
Fluorene	mg/kg		1	N.D.
Indeno(1,2,3-cd)pyrene	mg/kg		1	N.D.
3-Methylcholanthrene	mg/kg		1	N.D.
Naphthalene	mg/kg		1	N.D.
Phenanthrene	mg/kg		1	N.D.
Pyrene	mg/kg		1	N.D.

Tested by : Hayan Park

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SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

TEST ITEM	CAS NO.	UNIT	TEST METHOD	MDL	RESULT
Dibutyl phthalate (DBP)	84-74-2	mg/kg	With reference to IEC 62321-8 Edition 1.0 : 2017, by solvent extraction and determined by GC/MS	50	N.D.
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg		50	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg		50	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg		100	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	mg/kg		100	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg		50	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg		50	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	mg/kg		50	N.D.

Tested by : Hayan Park

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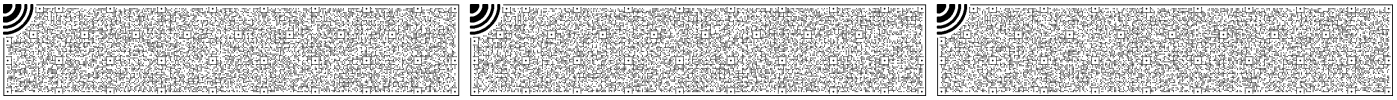

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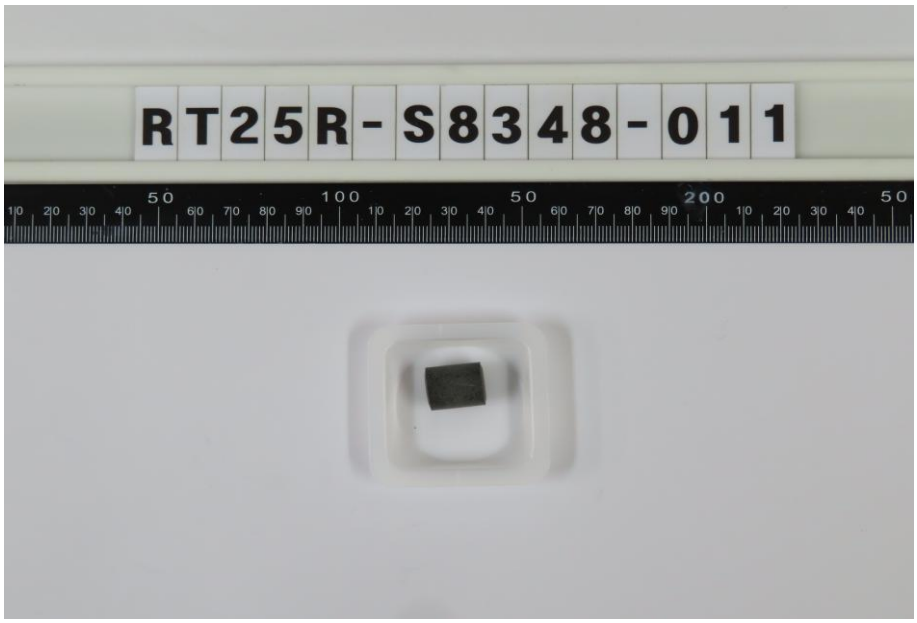
SAMPLE DESCRIPTION : KTMC-1050G(+)

* View of sample as received;-



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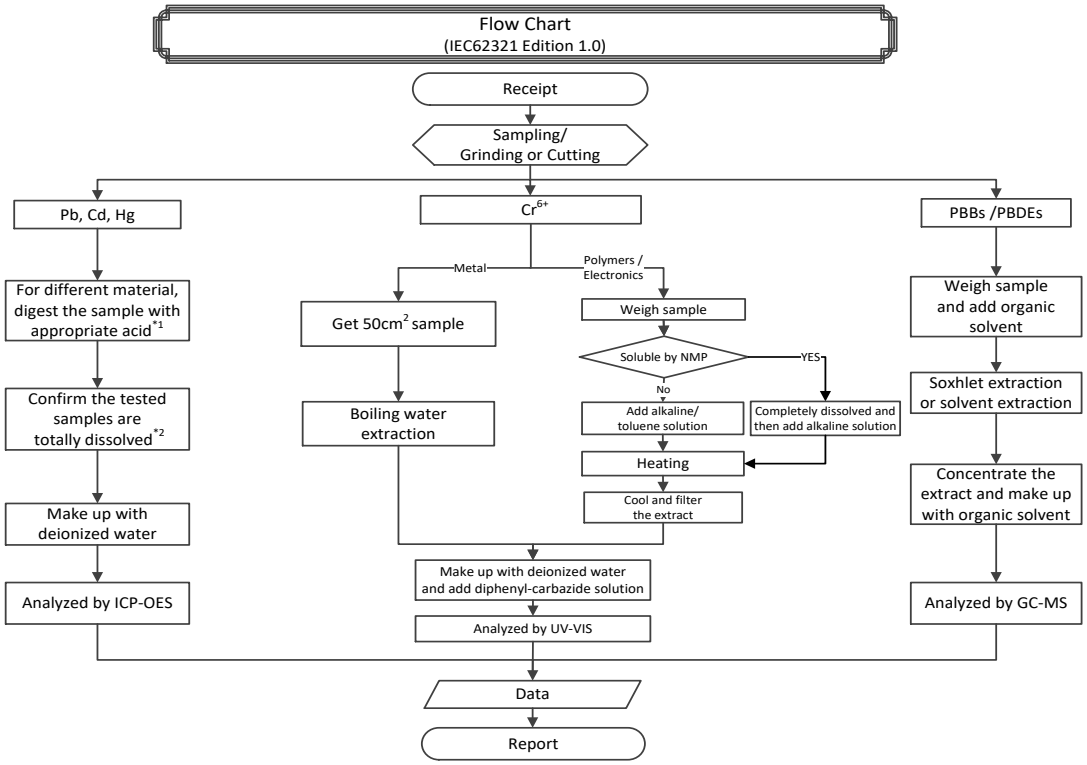
SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)



Remarks :
*1 : List of appropriate acid :

Material	Acid added for digestion
Polymers	HNO_3, HCl, HF, H_2O_2, $H3BO_3$
Metals	HNO_3, HCl, HF
Electronics	HNO_3, HCl, H_2O_2, HBF_4

*2 : The samples were dissolved totally by pre-conditioning method according to above flow chart.

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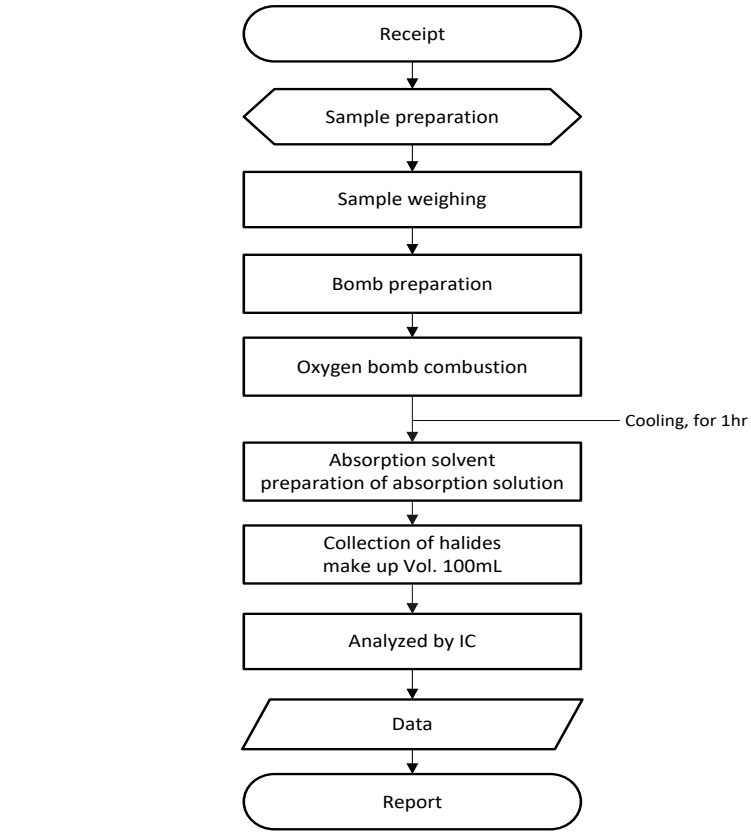
SAMPLE DESCRIPTION : KTMC-1050G(+)

Flow Chart (EN14582)



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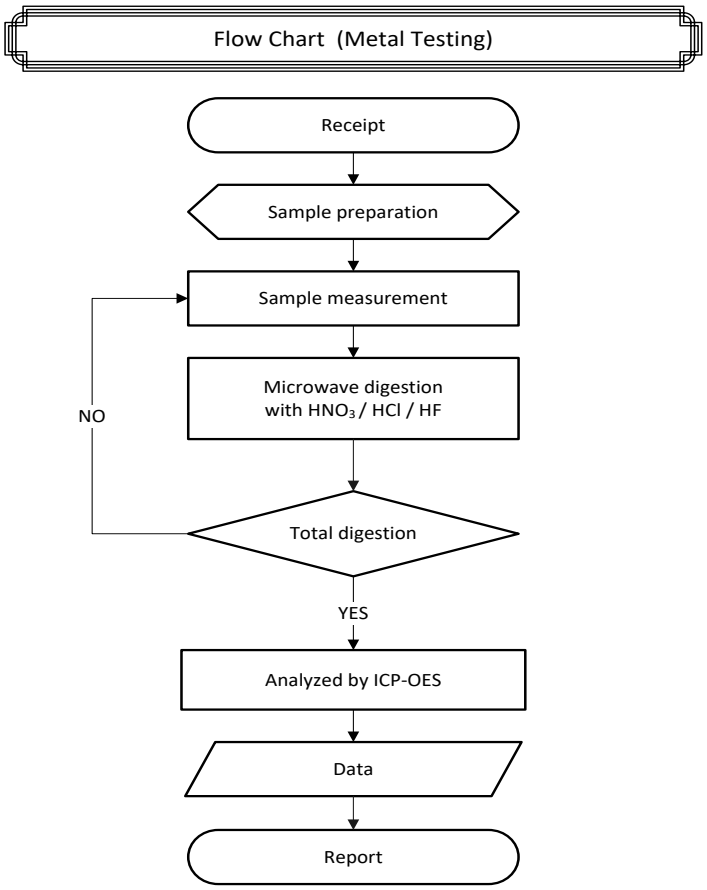
SAMPLE DESCRIPTION : KTMC-1050G(+)



** Remarks : The samples were dissolved totally by pre-conditioning method according to above flow chart.

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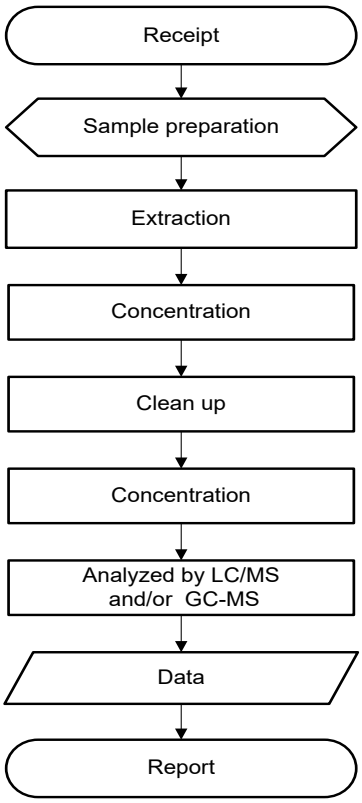
SAMPLE DESCRIPTION : KTMC-1050G(+)

Flow Chart (HBCDD)



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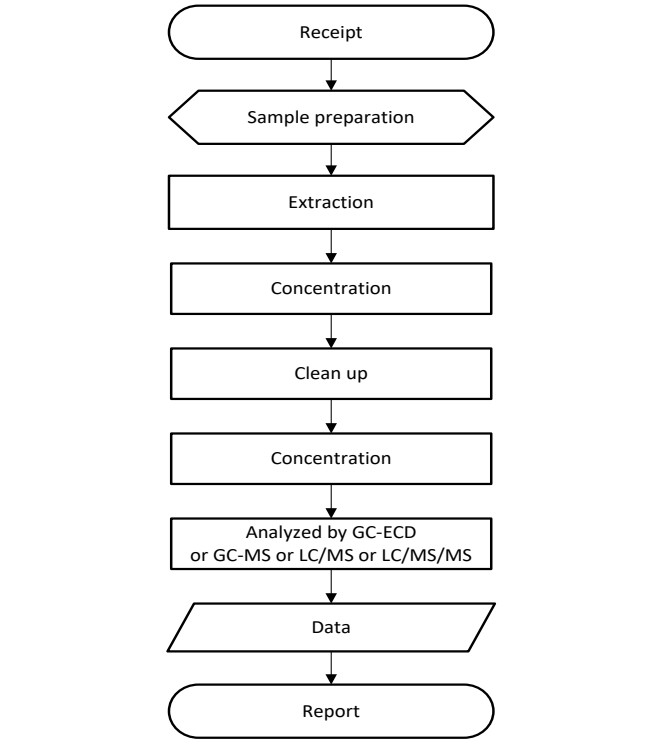
SAMPLE DESCRIPTION : KTMC-1050G(+)

Flow Chart (EPA 3540C)



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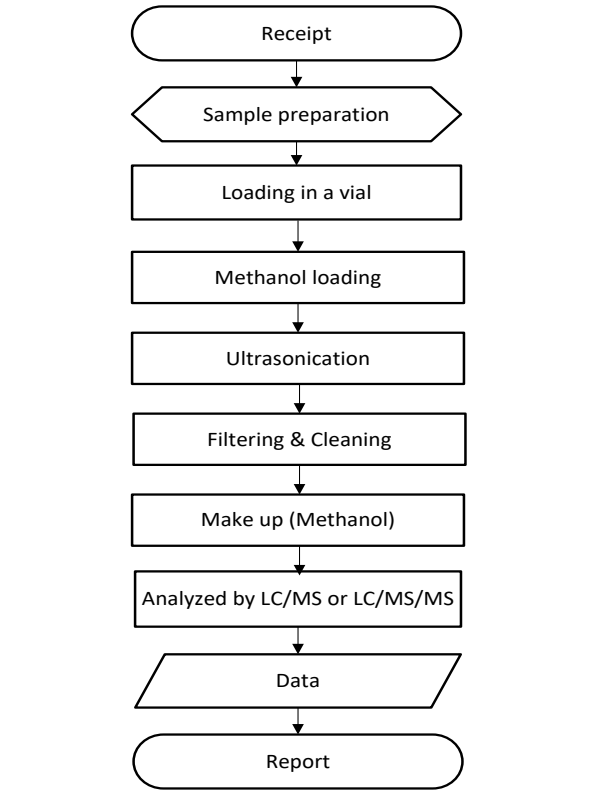
Flow Chart (PFOS, PFOA)



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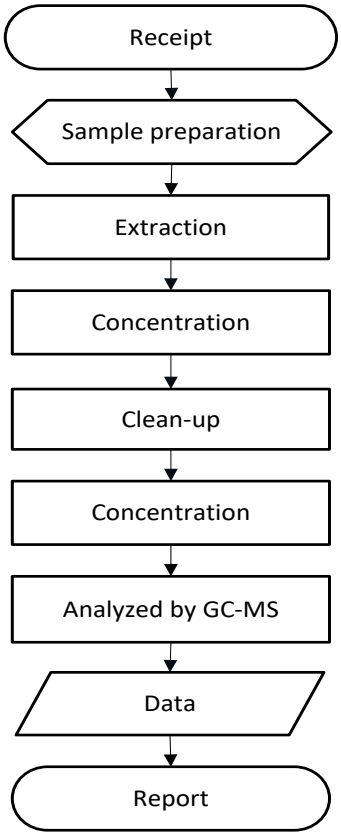
Flow Chart (EPA 8100 for PAHs)



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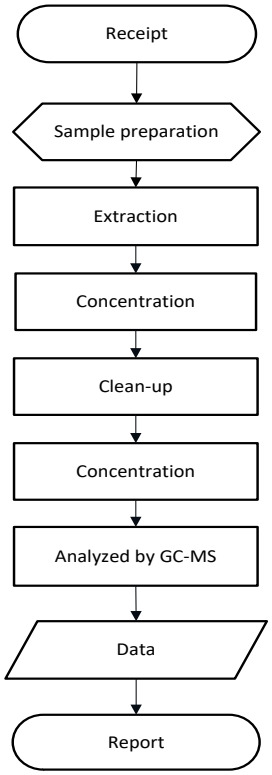
SAMPLE ID NO. : RT25R-S8348-011
SAMPLE DESCRIPTION : KTMC-1050G(+)

Flow Chart (Phthalates)



***** End of Report *****

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