



The Knights

(No.000000-00000-1)

Date :XXXX X, XXXX

Test Report

Client Name : ○○○○○ Co.,Ltd.
 Client address : 5678-9,○○, ○○-shi, ○○,JAPAN
 Sample name : Resin pellets A
 Item/Serial number : 12345
 Test object : Product/Material Test
 Testing period : XXXX X,XXXX to XXXXX,XXXX
 Sample collection method : Bring-in
 Additional information :

Unit : mg/kg(ppm)

Test Item	Test Result	LOQ	Test Method	Test Date
Cadmium(Cd)	N.D.	5	Reference to IEC62321-5 Ed.1.0:2013 ICP-OES (○○○○) Operator:○○ ○○ *The sample dissolved completely	XXXX X, XXXX
Lead(Pb)	N.D.	10	Reference to IEC62321-5 Ed.1.0:2013 ICP-OES (○○○○) Operator:○○ ○○ *The sample dissolved completely	XXXX X, XXXX
Mercury(Hg)	N.D.	0.2	Reference to IEC62321-4:2013/AMD1,Ed.1.0:2017 CV-AAS (○○○○) Operator:○○ ○○ *The sample dissolved completely	XXXX X, XXXX
Hexavalent chromium(Cr(VI))	N.D.	5	Reference to IEC 62321-7-2 Ed.1.0 :2017 Spectrophotometer (○○○○) Operator:○○ ○○	XXXX X, XXXX
Polybrominated biphenyl(PBB)	N.D.	10	Reference to IEC 62321-6 Ed.1.0:2015 GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX
Polybrominated diphenyl Ether(PBDE)	N.D.	10	Reference to IEC 62321-6 Ed.1.0:2015 GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX
Di(2-ethylhexyl) phthalate (DEHP)	N.D.	50	Reference to IEC62321-8 Ed. 1.0:2017 (Sample preparation:Solvent extraction) GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX
Dibutyl phthalate (DBP)	N.D.	50	Reference to IEC62321-8 Ed. 1.0:2017 (Sample preparation:Solvent extraction) GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX
Benzyl butyl phthalate (BBP)	N.D.	50	Reference to IEC62321-8 Ed. 1.0:2017 (Sample preparation:Solvent extraction) GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX
Di-isobutyl phthalate (DIBP)	N.D.	50	Reference to IEC62321-8 Ed. 1.0:2017 (Sample preparation:Solvent extraction) GC/MS (○○○○) Operator:○○ ○○	XXXX X, XXXX

Notes : N.D.=Not detected LOQ= Limit of Quantification
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ここに技術管理者のサインが載ります。

Environmental Certified public Measurers
 NAITOH Environmental Science Co.,Ltd.



Test Report

Test results of PBB & PBDE congeners in the sample

Test Item	Result (mg/kg(ppm))
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 PBB (Mono to Deca)	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 PBDE (Mono to Deca)	N. D.

Note:

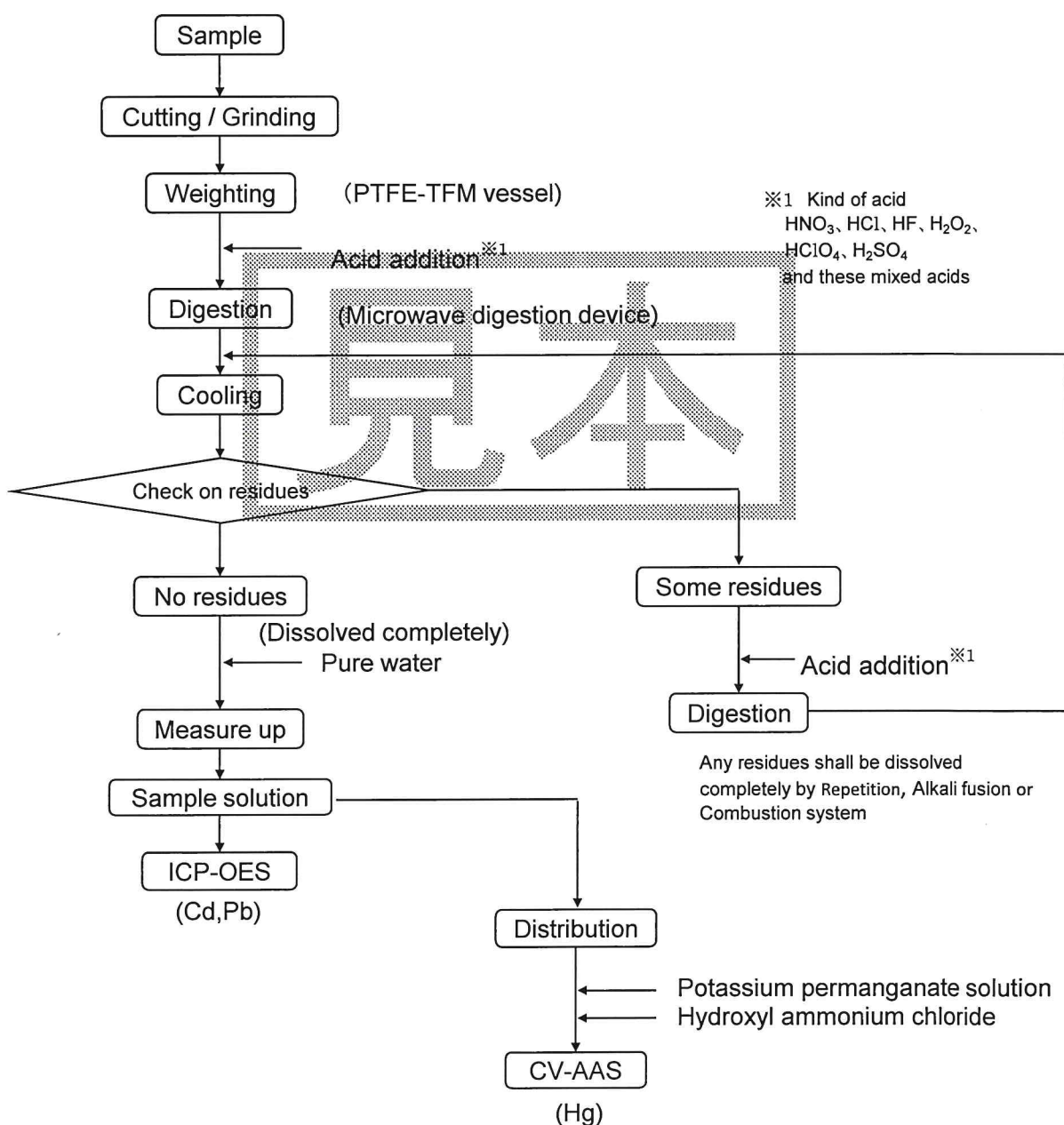
1. Limit of Quantification for each congener is 5 mg/kg (ppm)
2. N. D. = Not detected



Test method – Flow chart

- Cadmium(Cd) • Lead(Pb) • Mercury(Hg)

[Sample preparation : Microwave digestion]



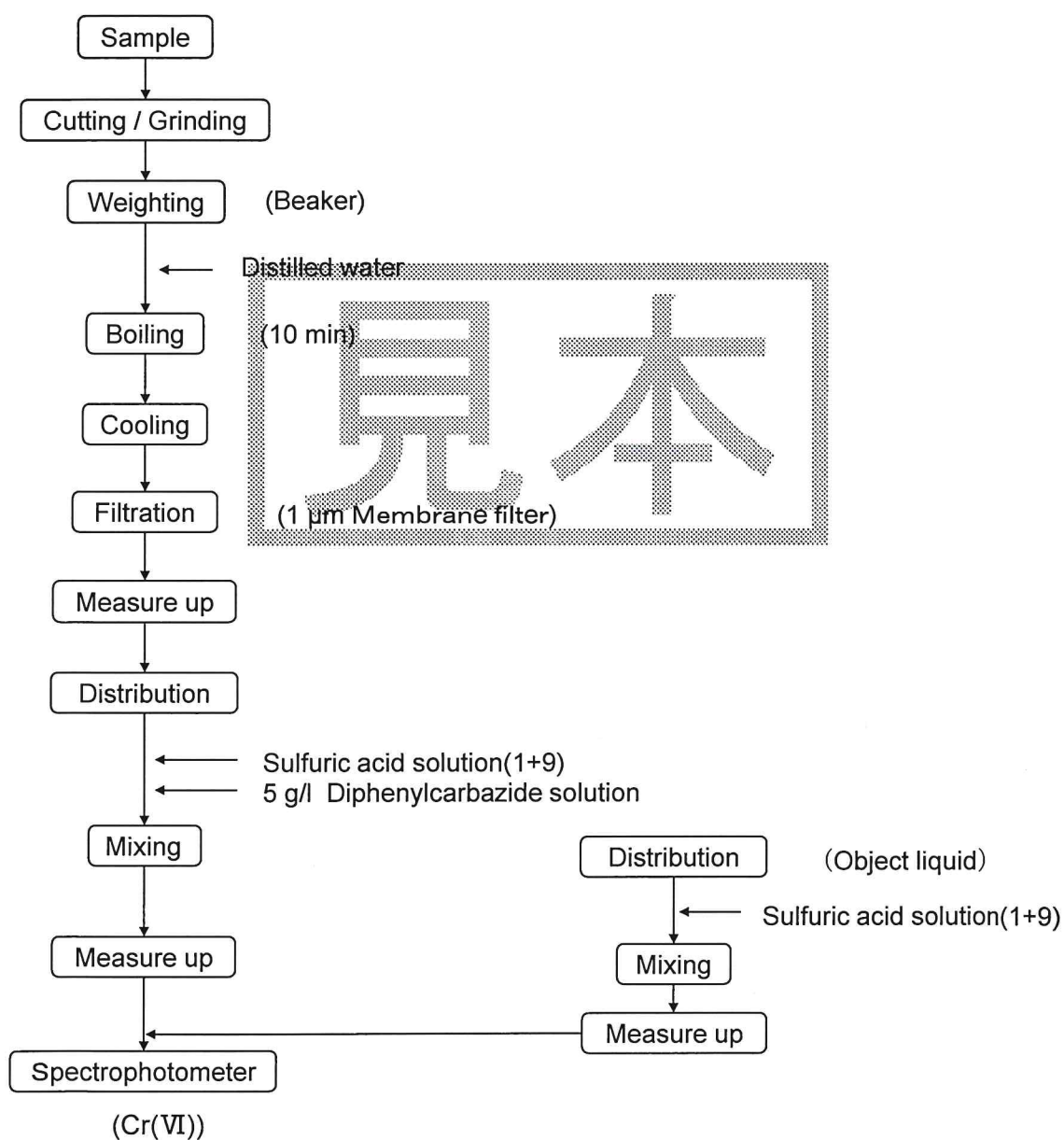
<Equipment>

- Microwave digestion device : ○○○○
- ICP-OES : ○○○○
- CV-AAS : ○○○○



Test method – Flow chart

- Hexavalent Chromium(Cr(VI))
 [Sample preparation: Boiling water extraction]



<Equipment>

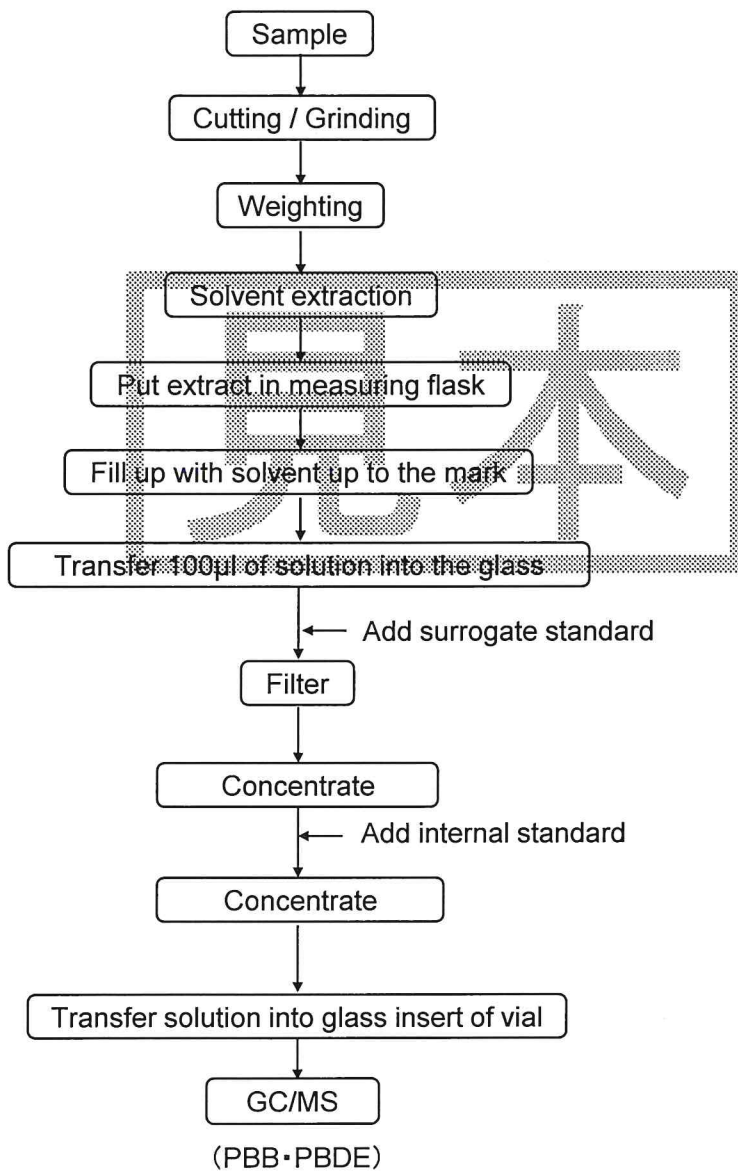
- UV-VIS spectrophotometer : ○○○○



Test method – Flow chart

• PBB•PBDE

[Sample preparation : Solvent extraction]



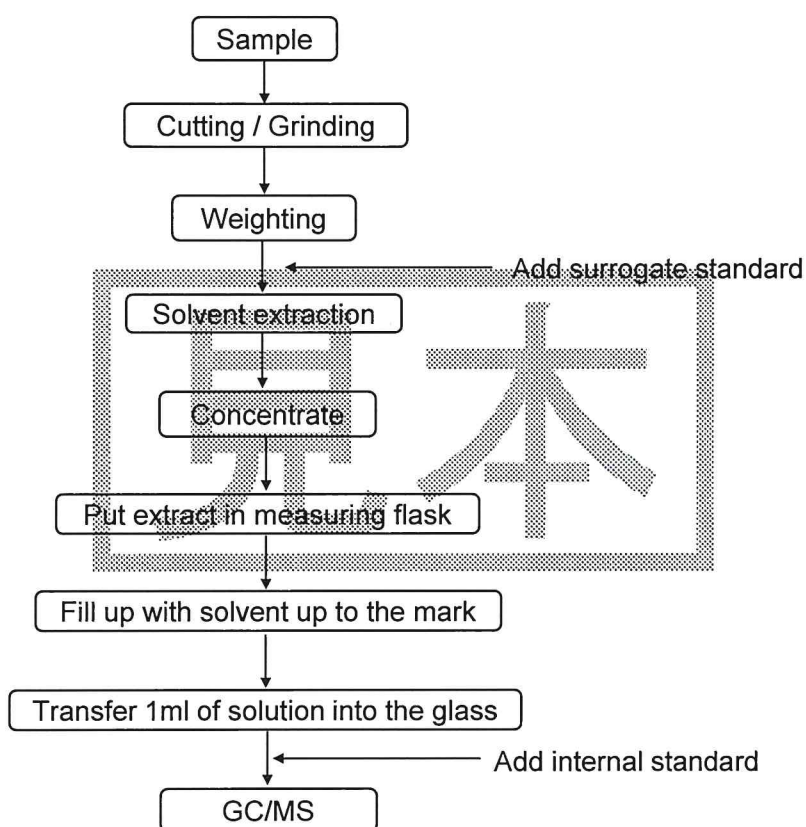
<Equipment>

- GC/MS : ○○○○
- Mass analyzer ○○○○
- Ionization method ○○○○
- Data acquisition modus ○○○○
- GC column ○○○○



Test method – Flow chart

- Phthalates
[Sample preparation : Solvent extraction]



(Phthalates)

<Equipment>

- GC/MS:○○○○

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(No.000000-00000-1)
Date:XXXX X,XXXX



Sample name : Resin pellets A