



TEST REPORT

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Report No. : TAK-2023-046567

Receipt Date : Mar.24.2023

Customer : Choi He Sun

Test Date : Apr.07.2023

GRS Korea Co.,Ltd.

Na Dong B110 Ho, 117, Hwanggeum-ro, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea

Sample : Soil Hardener

Testing Date : Mar.24.2023 ~ Apr.07.2023

Testing Environment : Temperature (20 ± 5)°C, Relative humidity (40 ± 20) %

Test method : Refer to following pages

Test result : Refer to following pages

Attachment : Flow chart and Sample pictures

USAGE : QUALITY CONTROL

- NOTE : 1. The test results on this test report are only limited to the samples and sample names provided by the customer and KTR does not guarantee the quality of all products of the customer, and you can confirm the authenticity of the test report online (www.ktr.or.kr) or by using the QR code.
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3. Only original copy (including certified copy) of the test report is valid - electronic copy (hard and/or soft) is for your reference only.

Yong-hyeon Lee

Prepared by Yong-hyeon Lee

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Apr.07.2023

Korea Testing & Research Institute

President

Kim Hyun cheol

QR Code to verify Genuineness



TEST REPORT

Report No. : TAK-2023-046567

Sample : Soil Hardener

TEST RESULT

Test itmes	Unit	Sample	Results	MDL	Test Methods
Pb	mg/kg	-	Not detected	10	IEC 62321-5 Ed.1.0:2013(Apply Correspondingly)
Cd	mg/kg	-	Not detected	1	IEC 62321-5 Ed.1.0:2013(Apply Correspondingly)
Hg	mg/kg	-	Not detected	1	IEC 62321-4 Ed.1.1:2017(Apply Correspondingly)
Cr ⁶⁺	mg/kg	-	Not detected	8	IEC 62321-7-2 Ed.1.0:2017(Apply Correspondingly)
Total-PBBs	mg/kg	-	Not detected	-	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Mono-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Di-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Tri-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Tetra-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Penta-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Hexa-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Hepta-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Octa-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Nona-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Deca-BB	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Total-PBDEs	mg/kg	-	Not detected	-	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Mono-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Di-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Tri-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Tetra-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Penta-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Hexa-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Hepta-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Octa-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Nona-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)
Deca-BDE	mg/kg	-	Not detected	10	IEC 62321-6 Ed.1.0:2015(Apply Correspondingly)



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TEST RESULT

Test itmes	Unit	Sample	Results	MDL	Test Methods
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Notes : mg/kg = ppm (parts per million)
N.D = Not detected(<MDL)
MDL = Method detection limit

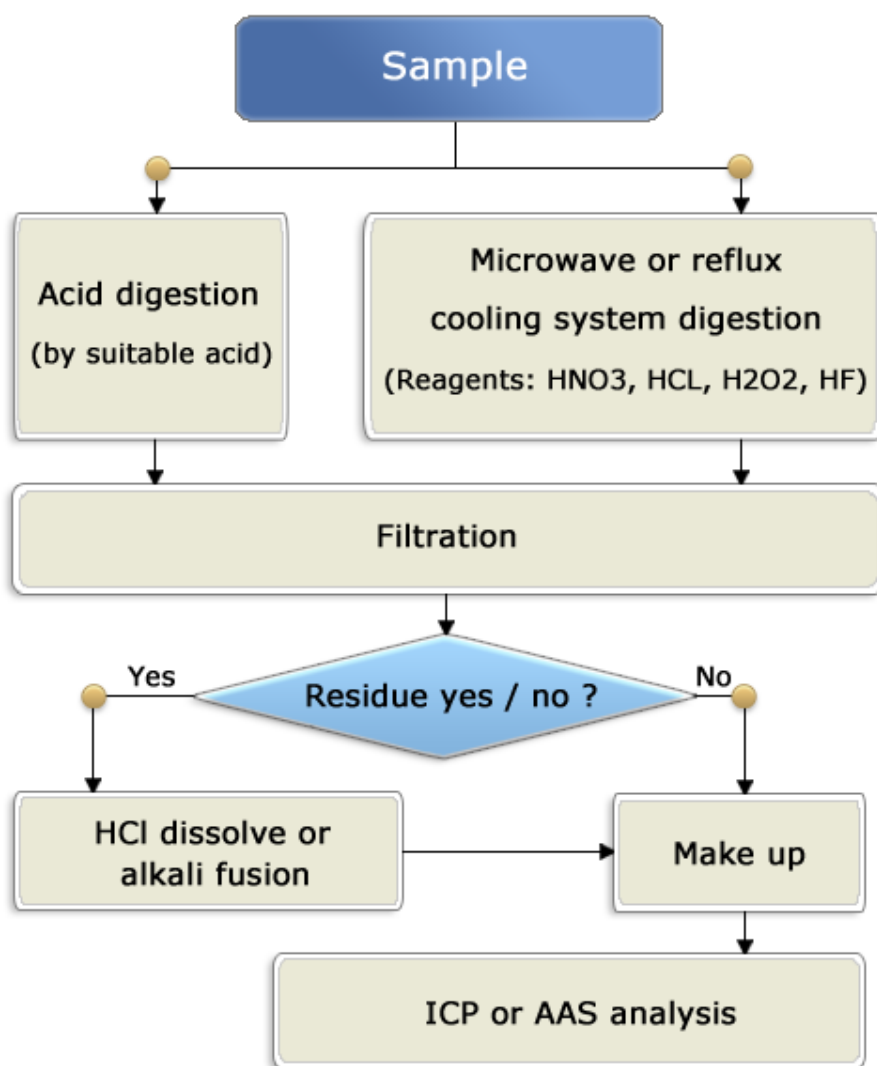
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Report No. : TAK-2023-046567

Sample : Soil Hardener

Pb, Cd, Hg : Tested by Kim Eun Ji(Tel : 02-2092-3684)

Flow Chart of heavy metals analysis



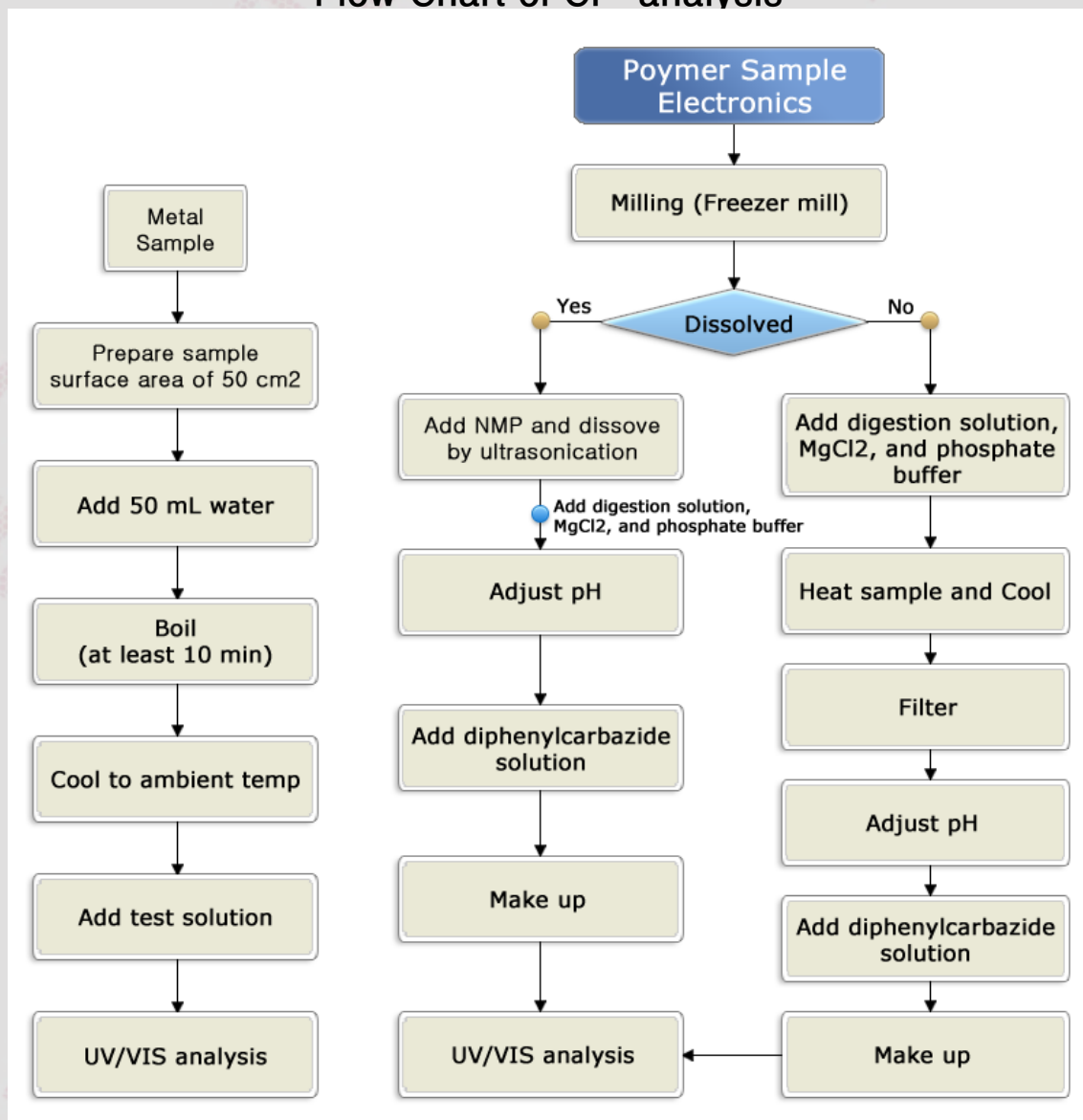
TEST REPORT

Report No. : TAK-2023-046567

Sample : Soil Hardener

Cr⁶⁺ : Tested by Kim Eun Ji(Tel : 02-2092-3684)

Flow Chart of Cr⁶⁺ analysis



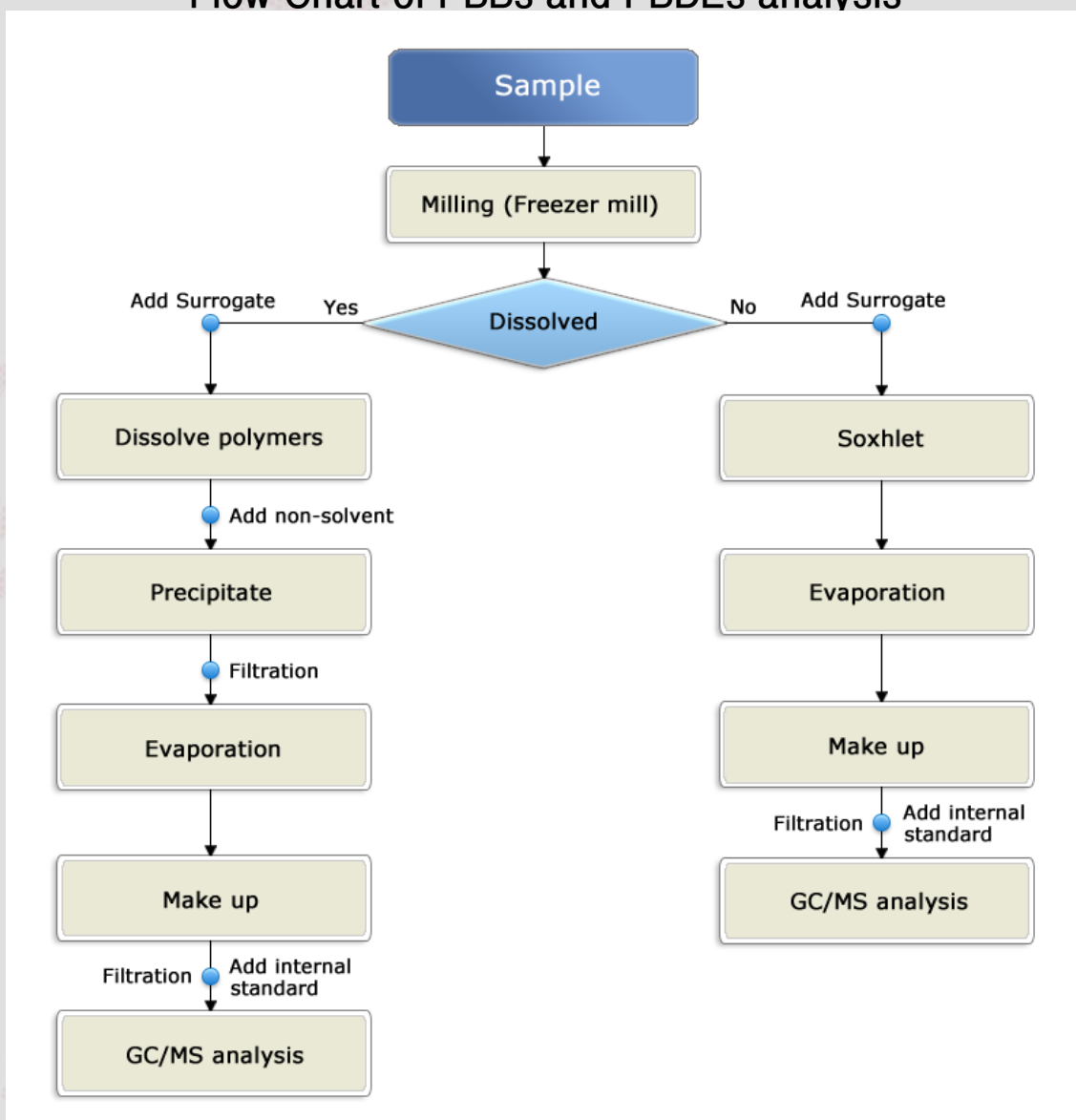
TEST REPORT

Report No. : TAK-2023-046567

Sample : Soil Hardener

PBBs, PBDEs : Tested by Yong-hyeon Lee(Tel : 02-2092-3682)

Flow Chart of PBBs and PBDEs analysis



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Sample : Soil Hardener

Sample



- End of Report -