



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-3667-9134

FAX 82-2-3667-9140

Report No. : TAK-2023-030625

Receipt Date : Feb.22.2023

Customer : Choi He Sun

Test Date : Mar.09.2023

GRS Korea Co.,Ltd.

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

Sample : Liquid Mulching Soil Hardener

Testing Date : Feb.22.2023 ~ Mar.09.2023

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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Yong-hyeon Lee

Prepared by Yong-hyeon Lee

Tel : 02-2092-3682

Park Jung-ae

Reviewed by Park Jung-ae

Technical Manager

Tel : 1577-0091(ARS ①→④)

Mar.09.2023

Korea Testing & Research Institute

President

Kim Hyun cheol

QR Code to verify Genuineness



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Report No. : TAK-2023-030625

Sample : Liquid Mulching 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

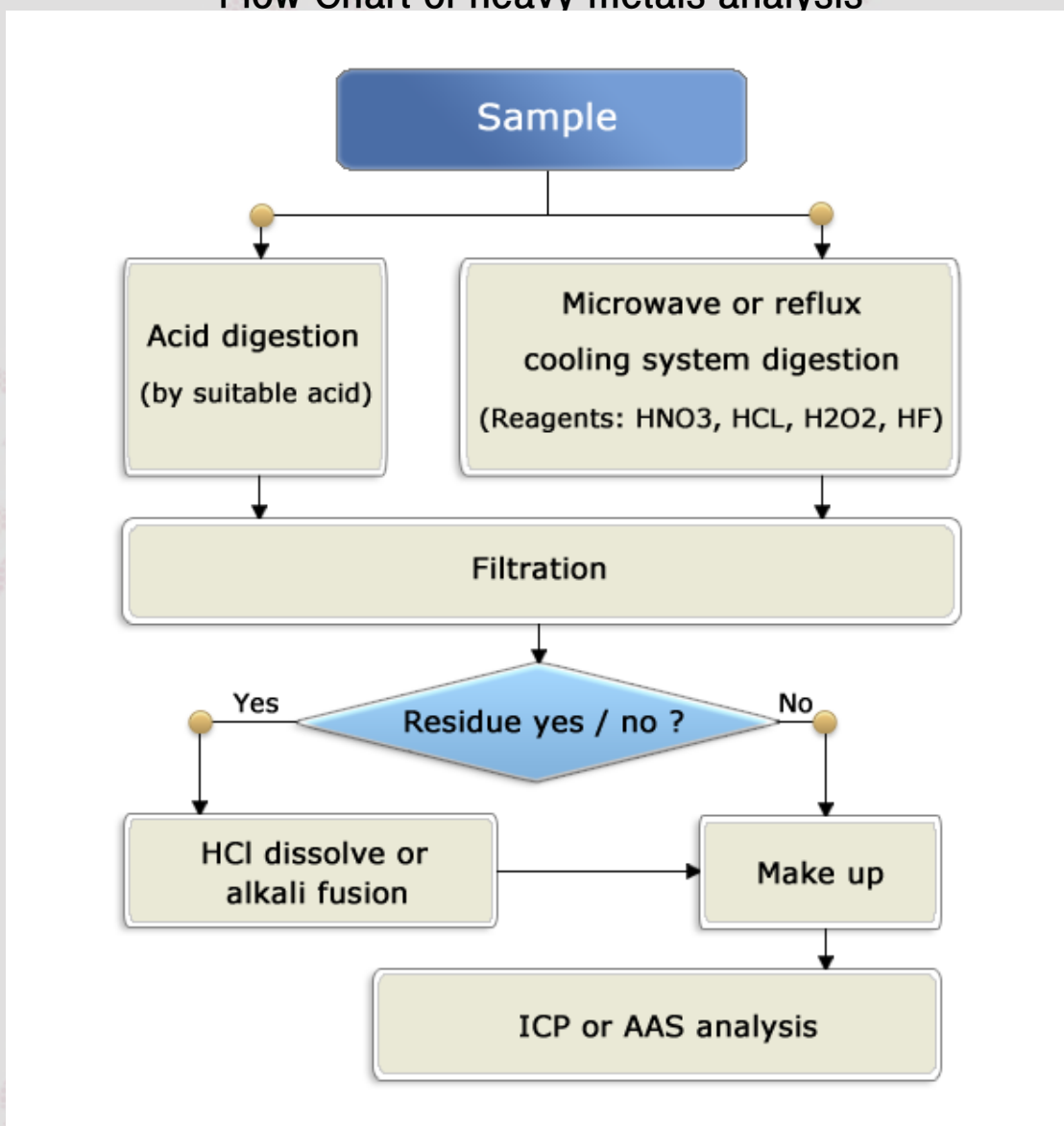
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Report No. : TAK-2023-030625

Sample : Liquid Mulching Soil Hardener

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

Flow Chart of heavy metals analysis



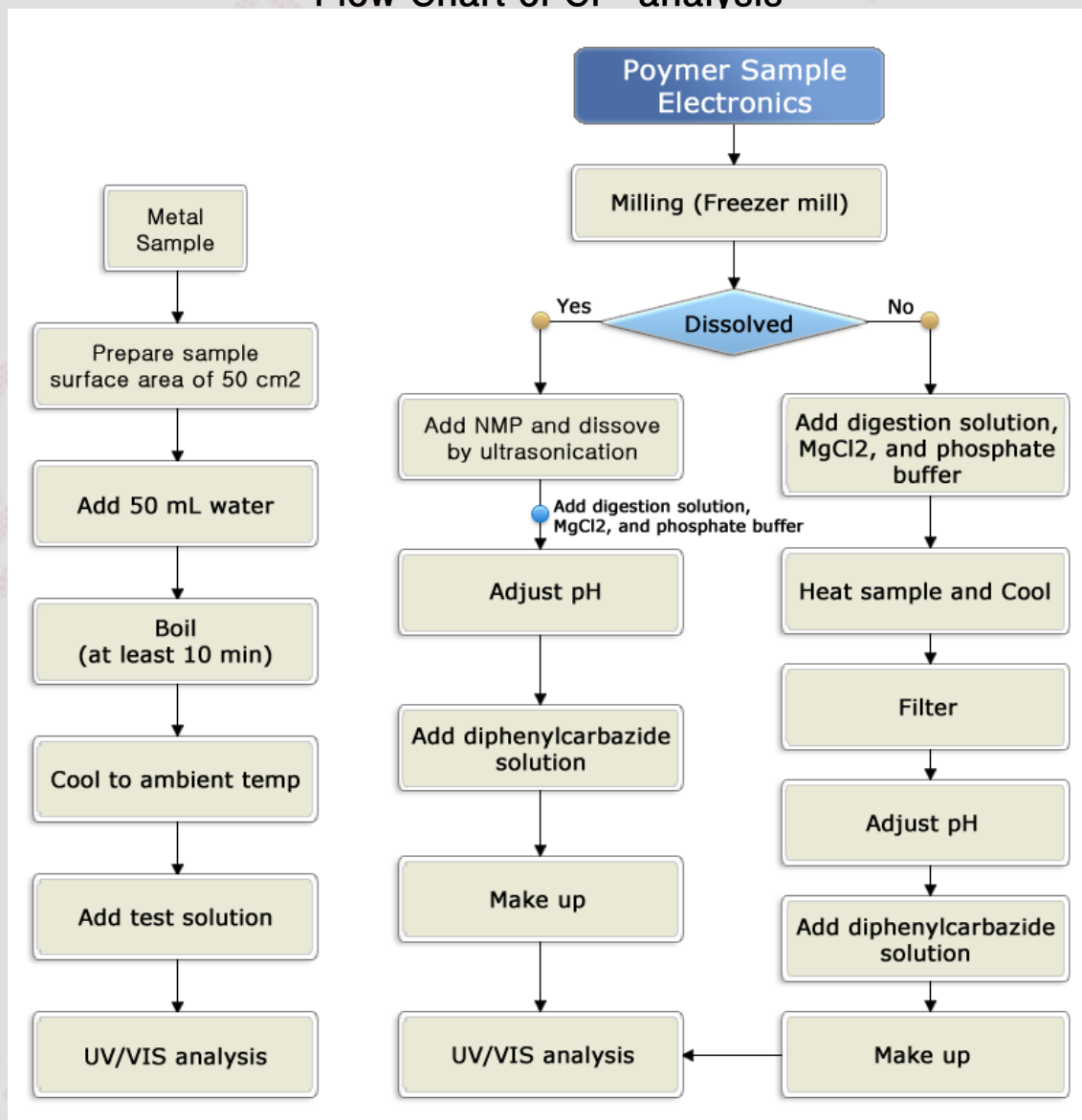
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Report No. : TAK-2023-030625

Sample : Liquid Mulching Soil Hardener

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

Flow Chart of Cr⁶⁺ analysis



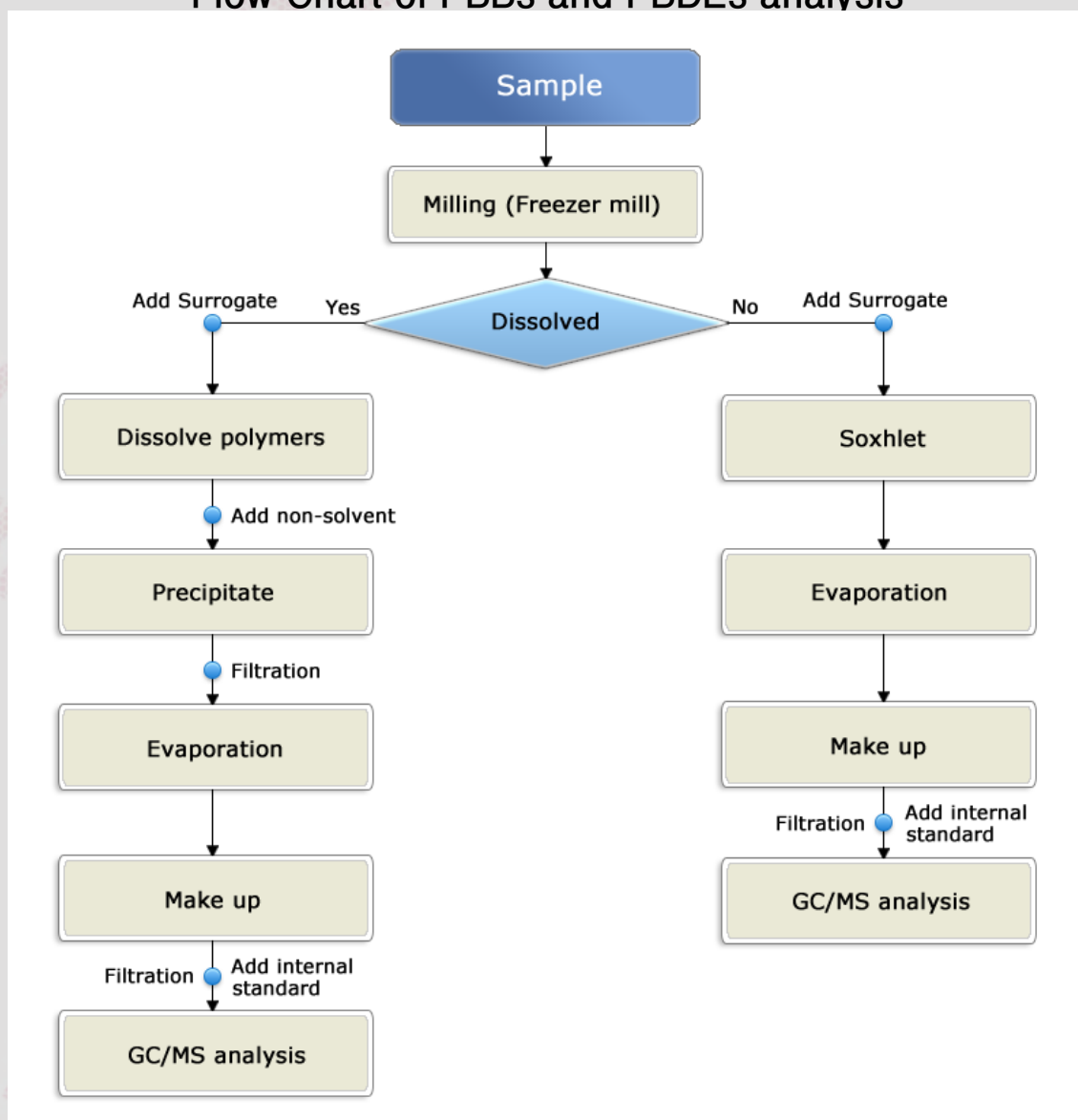
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Report No. : TAK-2023-030625

Sample : Liquid Mulching 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



- End of Report -