

Test Report

XMF24-0002261-01

Date: 2024-06-07

Client Name: Weeplow

Client Address: 1000 Brickell Avenue STE 75 - PMB 1378 MIAMI, FL 33131

Sample Name: Weeplow O'Pure 2

Sample Batch No.: /

Production Date: /

Manufacturer: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS reference No.: T52410280167SC

Date of Sample Received: 2024-04-16

Testing Period: 2024-04-16 ~ 2024-05-14

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

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

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



SGS Approved Signatory

SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

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Verification:
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Sample Description:

Sample No.	SGS Sample ID	Description
1	XMF24-0002261-0001	Weeplow O'Pure 2

Test requested:

Selected test(s) as requested by applicant: Test the Removal rate of Aluminum, Antimony, Nickel, Lead, Arsenic, Cadmium, Chromium, Copper, Selenium, Mercury, Iron, Manganese, Zinc at the strat-up of the service life.

Test method(s):

Hygienic Function Testing (Aluminum, Antimony, Nickel Challenge Testing):

Ministry of Health of the People's Republic of China Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water – General Device.

Lead (pH 8.5), Arsenic (high pH), Cadmium (high pH), Chromium (high pH), Copper (high pH), Selenium (high pH), Mercury (high pH) challenge testing: Refer to NSF/ANSI 53-2022 Drinking Water Treatment Units-Health Effects.

Iron, Manganese, Zinc challenge testing: Refer to NSF/ANSI 42-2022 Drinking Water Treatment Units-Aesthetic Effects.

Aluminum, Antimony: GB/T 5750.6-2023 Standard examination methods for drinking water-Part 6: Metal and metalloid indices.

Nickel, Lead, Arsenic, Cadmium, Chromium, Copper, Selenium, Mercury, Iron, Manganese, Zinc: EPA Method 200.8: Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry.

Test Result(s):

Refer to MOH						
Test Point	Test item(s)	Unit(s)	Test method(s)	Test Result(s)		*Removal Rate (%)
				Influent spiked water	Effluent filtrated water	
Start-up	Aluminum (Al)	µg/L	GB/T 5750.6-2023 4.5	2067.1	29.2	98.6
Start-up	Antimony (Sb)	µg/L	GB/T 5750.6-2023 4.5	79.20	14.53	81.7
Start-up	Nickel (Ni)	µg/L	EPA 200.8	1146	147	87.2



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Refer to NSF/ANSI Standard 53 - Health Effects Testing						
Test Point	Test item(s)	Unit(s)	Test method(s)	Test Result(s)		*Removal Rate (%)
				Influent spiked water	Effluent filtrated water	
Start-up	Lead (Pb)	µg/L	EPA 200.8	88	<1	>98.8
Start-up	Arsenic (As)	µg/L	EPA 200.8	293	<5	>98.2
Start-up	Cadmium (Cd)	µg/L	EPA 200.8	27.6	<0.1	>99.6
Start-up	Chromium (Cr)	µg/L	EPA 200.8	273	5	98.2
Start-up	Copper (Cu)	µg/L	EPA 200.8	2753	<1	>99.9
Start-up	Selenium (Se)	µg/L	EPA 200.8	105	7	93.3
Start-up	Mercury (Hg)	µg/L	EPA 200.8	8.4	<0.1	>98.8
Refer to NSF/ANSI Standard 42 - Aesthetic Effects						
Test Point	Test item(s)	Unit(s)	Test method(s)	Test Result(s)		*Removal Rate (%)
				Influent spiked water	Effluent filtrated water	
Start-up	Iron (Fe)	µg/L	EPA 200.8	3153	3	99.9
Start-up	Manganese (Mn)	µg/L	EPA 200.8	1134	<1	>99.9
Start-up	Zinc (Zn)	µg/L	EPA 200.8	7599	<5	>99.9

Remark:

1.*Removal Rate (%) = (The test result of Influent spiked water - The test result of Effluent filtrated water) / The test result of Influent spiked water x100%



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Sample Photo:



SGS authenticate the photo on original report only

Attention:

Unless otherwise stated the results shown in this report refer only to the items tested. The test report shall only be used for scientific research, technology research and development, teaching, internal quality control in the People's Republic of China.

*** End***



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