



Test Report

NBF20-005452-01

Date: 20 Aug 2020

Client Name: EVODROP AG
Client Address: Hardgutstrasse 16, 8048 zurich schweiz

Sample Name: Evodrop Filter (scale inhibitor)
Manufacturer: EVODROP AG
Sample Batch No.: /
Production Date: /

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.: XMF20-003276/NBF20-005438/NBF20-005450/NBF20-005451
Date of Sample Received: 28 Jun 2020
Testing Period: 28 Jun 2020 ~ 16 Jul 2020
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to the next page(s)
Test Result(s): Please refer to the next page(s)

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior written approval of the SGS.



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SGS Authorized Signature

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Ningbo Branch Agricultural and Food Laboratory

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Member of the SGS Group (SGS SA)

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NBF20-005452-01

Date: 20 Aug 2020

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF20-005452.001	Evodrop Filter (scale inhibitor)

Test Requested:

Selected test(s) as requested by applicant:

Removal rate of Lead (Pb), Mercury (Hg), Cadmium (Cd) at the start and when the treated water is 10000L and 20000L

Test Method:

Removal rate of Lead (Pb), Mercury (Hg), Cadmium (Cd): Refer to MOH Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water & GB/T 5750.6 - 2006 Standard examination methods for drinking water – Metal Parameters Inductively coupled plasma mass spectrometry

Test Result(s):

Table 1: Result of the start point

Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s)*%
			Influent spiked water	Effluent filtrated water	
Lead (Pb)	mg/L	GB/T 5750.6-2006	0.1621	0.0019	98.83
Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0066	< 0.0002	>96.96
Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0364	< 0.0002	>99.45

Table2: Result of 10000L

Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s)*%
			Influent spiked water	Effluent filtrated water	
Lead (Pb)	mg/L	GB/T 5750.6-2006	0.1550	0.0007	99.55
Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0052	< 0.0002	>96.15
Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0355	< 0.0002	>99.43

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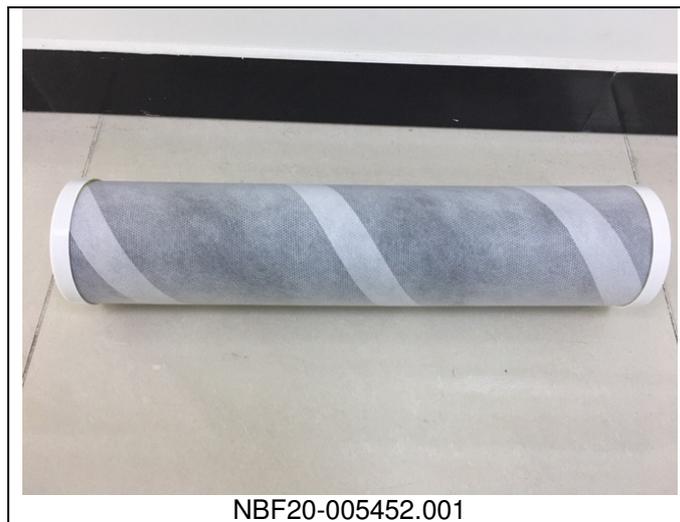
Table 3: Result of 20000L

Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s)*%
			Influent spiked water	Effluent filtrated water	
Lead (Pb)	mg/L	GB/T 5750.6-2006	0.1538	0.0018	98.83
Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0062	< 0.0002	>96.77
Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0340	< 0.0002	>99.41

Remark:

- *Removal rate (%) = (Influent spiked water test result - Effluent filtrated water test result) / Influent spiked water test result × 100%
- Test pressure 0.18Mpa, flow rate 11L/min.

Sample photo:



SGS authenticate the photo on original report only

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