

# Testergebnisse EVOadsorb

## SCHWERMETALLE



### 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.**



scan to see the report  
NBF20-005452-01

SGS Authorized Signature

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

Page 1 of 3



SGS-CSTC Standards Technical Services Co., Ltd.  
Ningbo Branch Agency of Food Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

NO.3, NO.4 Building Lingnan Industry Park, No.1177 Lingnan Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400-691-0488 f (86-574) 8752 9318 www.sgs.com  
中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400-691-0488 f (86-574) 8752 9318 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

# Testergebnisse EVOadsorb

## SCHWERMETALLE



### Test Report

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

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

Page 2 of 3



SGS-CSTC Standards Technical Services Co., Ltd.  
Ningbo Branch Agricultural and Food Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

NO.3, NO.4 Building Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400 - 691 - 0488 f (86-574) 8752 9318 www.sgs.com  
中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400 - 691 - 0488 f (86-574) 8752 9318 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

WATER

# Testergebnisse EVOadsorb

## SCHWERMETALLE



### Test Report

NBF20-005452-01

Date: 20 Aug 2020

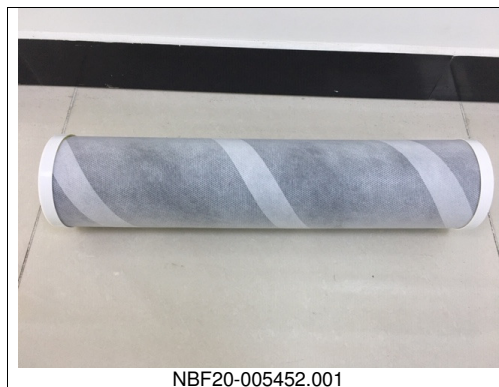
Table 3: Result of 20000L

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:



NBF20-005452.001

SGS authenticate the photo on original report only  
\*\*\* End \*\*\*

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

Page 3 of 3



SGS-CSTC Standards Technical Services Co., Ltd.  
Ningbo Branch Agricultural and Food Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

NO.3, NO.4 Building Lingyan Industry Park, No.1177 Lingyan Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400 - 691 - 0488 f (86-574) 8752 9318 www.sgs.com  
中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400 - 691 - 0488 f (86-574) 8752 9318 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)