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BIOMONTAN Produktions- und Handels GmbH
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Date Mar 11, 2026

Test Report

Order No.: 55289315

Test Report No.: PB2666496

Version 1

Client: BIOMONTAN Produktions- und Handels GmbH
Mr. Christian Zuschrader
Regensburger Straße 5
4470 ENNS
ÖSTERREICH

Date of order: Feb 09, 2026

Sample received: Feb 09, 2026

Number of samples: 1 sample(s)

Scope of investigation: Testing of oil an chemical binders acc. to DWA 716-1 / DWA 716-9

Project: AB260149 / 23004

Testing period: Feb 09, 2026 - Mar 11, 2026

Test result:

- see following pages -

Accredited Testing Laboratory D-PL-11060-03-00 in Stuttgart and Halle (Saale)

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Vorsitzender des Aufsichtsrates
Stefan Kölbl
Geschäftsführer:
Guido Kutschera (Vorsitzender),
Friedemann Bausch,
Jann Fehlauer

Sample no.:	55289315001
Sample designation:	BLUESORB PLUS
Sample description:	Oil Sorbent
Sample picture:	

1. General requirements according to "Arbeitsblatt DWA-A 716-1"**General safety assessment, occupational safety assessment and identification****General safety assessment according to gemäß DWA-A 716-1: 4.1:2024-11**

The examined oil sorbent consists of Silizium dioxide with a polymer which is not classified as a hazardous substance. Under usual storage conditions, no decomposition or auto-ignition is expected.

Parameter	Unit	Result	Test method
pH value (at 25°C)	-	7.5	DWA-A 716-1: 4.2:2024-11 ⁽ⁿ⁾
Assessment	Skin contact is possible. However, long-term exposure should be prevented.		
Identification (FT-IR / SEM-EDX)	-	Corresponds to the initial inspection	DWA-A 716-1: 4.3:2024-11 ⁽ⁿ⁾
Assessment	The product complies with the manufacturer's specifications.		

Bulk density / Specific Volume, Grain-Size distribution, Dry Residue

Parameter	Unit	Result	Test method
Bulk density / Specific Volume	g/l oder kg/m ³	367	DWA-A 716-1: 4.4.3:2024-11 ⁽ⁿ⁾
Dry Residue	%	86.6	DWA-A 716-1: 4.6:2024-11 ^(Hn)

Environmental-Impact assessment according to DWA-A 716-1: 4.7:2014-11 ⁽ⁿ⁾

Results of the eluate examination are attached as appendix to this test report. Das Ölbindemittel hält alle Grenzwerte der deutschen Deponieverordnung für Deponieklasse II (DK II; R-Bindemittel) ein.

Variation of slip resistance (SRT-Test)

Parameter	Unit	Result	Test method
Change in SRT value	%	0	DWA-A 716-9: 4.6:2014-12 ⁽ⁿ⁾

* Maximum change in SRT value: 15%

2. Conclusion

The oil sorbent „BLUESORB PLUS“ meets all criteria of DWA-A 716-1:2024-11 and DWA-A 716-9:2024-11 for group "R". Assuming all listing criteria are met, the positive test result leads to an entry in the german list „Liste der geprüften Ölbindemittel“. The entry is limited until 11.03.2031 and can be extended according to DWA-A 716-1 by request.

Remarks:

The test results refer exclusively to the samples specified. The decision rule for the evaluation of conformity of test results can be found at:

[decision rule \(german\)](#)

[decision rule \(english\)](#)

Pass/fail: Unless otherwise stated, the statement of conformity decision will be made without taking the measurement uncertainty into account. Detailed information regarding measurement uncertainties are available on request.

Inconclusiv: In the case of measurement results that lie at the limit value/on the tolerance limit and measurement results that lie above the limit value/outside the tolerance limits, but whose measurement uncertainty range falls below this limit value/tolerance limit, the limit value/tolerance limit is considered to be met only partially. Taking the measurement uncertainty into account, the measurement result could still meet the requirements, but the risk of exceeding is high.

A reproduction in excerpts of the test report must not be made without the written consent of the test laboratory. Chemical and material blanks are taken into account when determining the results. Samples will be stored for max. 6 months (for exceptions and specific storage times see QMH).

For system reasons, the name of the in-house procedures was changed from QMA xxxx to Lab-AA-xxxx on January 1, 2025.

Declaration:

a = accredited test method, n = not accredited test method,

Pa = Analysis carried out by partner laboratory (accredited test method), Pn = Analysis carried out by partner laboratory (not accredited test method),

Ha = Analysis carried out by DEKRA lab Halle (accredited test method), Hn = Analysis carried out by DEKRA lab Halle (not accredited test method),

SBa = Analysis carried out by DEKRA lab Saarbrücken (accredited test method), SBn = Analysis carried out by DEKRA lab Saarbrücken (not accredited test method),

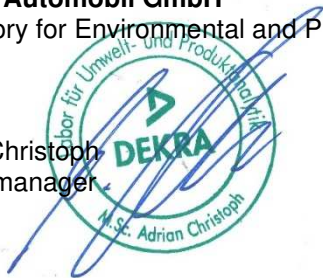
Ba = Analysis carried out by DEKRA lab Bretten (accredited test method), Bn = Analysis carried out by DEKRA lab Bretten (not accredited test method)

Stuttgart, Mar 11, 2026

DEKRA Automobil GmbH

Laboratory for Environmental and Product Analysis

Adrian Christoph
Project manager



Environmental-Impact assessment according to DWA-A 716-1: 4.7:2014-11 ⁽ⁿ⁾

Parameter	Unit	Result	Test method	
			DK I / W	DK II / R
pH value (at 25°C)	-	7,5	5,5 - 13	5,5 - 13
Dissolved organic carbon (DOC)	mg/l	36	≤ 50	≤ 80
Phenol index	mg/l	1,4	≤ 0,2	≤ 50
Arsenic	mg/l	0,015	≤ 0,2	≤ 0,2
Lead	mg/l	< 1	≤ 0,2	≤ 1
Cadmium	mg/l	< 0,1	≤ 0,05	≤ 0,1
Copper	mg/l	< 1	≤ 1	≤ 5
Nickel	mg/l	< 1	≤ 0,2	≤ 1
Zinc	mg/l	< 1	≤ 2	≤ 5
Barium	mg/l	< 1	≤ 5	≤ 10
Chromium	mg/l	< 1	≤ 0,3	≤ 1
Molybdenum	mg/l	< 1	≤ 0,3	≤ 1
Antimony	mg/l	< 0,005	≤ 0,03	≤ 0,07
Selenium	mg/l	0,02	≤ 0,03	≤ 0,05
Mercury	mg/l	0,005	≤ 0,005	≤ 0,02
Chloride	mg/l	22	≤ 1500	≤ 1500
Sulfate	mg/l	530	≤ 2000	≤ 2000
Fluoride	mg/l	0,38	≤ 5	≤ 15
Cyanide, lfs.	mg/l	0,2	≤ 0,1	≤ 0,5
Total dissolved solids content	mg/l	160	≤ 3000	≤ 6000

Parameter list Eluate

Parameter	Test method	LQ	Unit
pH value (at 25°C)	DIN EN ISO 10523:2012-04 ^(Ha)		-
Dissolved organic carbon (DOC)	DIN EN 1484 (H3):2019-04 ^(Ha)	0,1	mg/l
Phenol index	DIN 38409-H16:1984-06 ^(Ha)	0,01	mg/l
Arsenic	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Lead	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Cadmium	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,001	mg/l
Copper	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Nickel	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Zinc	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Barium	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Chromium	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Molybdenum	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Antimony	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,005	mg/l
Selenium	DIN EN ISO 17294-2:2024-12 ^(Ha)	0,01	mg/l
Mercury	DIN EN ISO 12846:2012-08 ^(Ha)	0.00020	mg/l
Chloride	DIN EN ISO 10304-1:2009-07 ^(Ha)	0,1	mg/l
Sulfate	DIN EN ISO 10304-1:2009-07 ^(Ha)	0,1	mg/l
Fluoride	DIN EN ISO 10304-1:2009-07 ^(Ha)	0,1	mg/l
Cyanide, lfs.	DIN 38405-13:2011-04 ^(Ha)	0,01	mg/l
Total dissolved solids content	DIN 38409-1:1987-01 ^(Ha)	100,0	mg/l