

BituRec BV

Metaalweg 14

5804 CG Venray

ISO 14001
ISO 45001
zertifiziert



Test Report No.: 2020P229182 / 1

Order/Sample-No. 20210057 / 001
Date of Arrival 01.09.2020
Taking of samples durch den Auftraggeber
Material sonstige Feststoffe
Sample Name Asphaltgranulat
Start / End of analyses 01.09.2020 - 09.09.2020

Parameter	Result	Unit	Methods
Appearance	Dachpappe		
Colour	braun - schwarz		
Sample preparation	manuell		DIN EN 15443: 2011-05 ^a 2
Dry weight	99,1	W.-%	DIN ISO 11465: 1996-12 ^a 2
Higher heating value (dry)	29000	kJ/kg	DIN 51900-1: 2000-04 ^a 22
Lower heating value (dry)	27000	kJ/kg	berechnet mit Faktor 22
Lower heating value (as received)	26700	kJ/kg	DIN 51900-1: 2000-04 ^a 22
Ashes (815°C)	19,3	W.-% DW	DIN 51719: 1997-07 ^a 2
Ignition Residue (500°C)	20,9	W.-% DW	DIN EN 15169: 2007-05 ^a 2
Ignition Residue (900°C)	19,5	W.-% DW	DIN EN 15169: 2007-05 ^a 2
Chlorine, total	<0,10	W.-% DW	DIN EN 15408: 2011-05/ DIN EN ISO 10304-1: 2009-07 ^a 22
Sulfur, total	1,7	W.-% DW	DIN EN 15408: 2011-05/ DIN EN ISO 10304-1: 2009-07 ^a 22
Bromine, total	<0,0010	W.-% DW	DIN EN 15408: 2011-05/ DIN EN ISO 10304-1: 2009-07 ^a 22
Fluorine, total	0,0047	W.-% DW	DIN EN 15408: 2011-05/ DIN EN ISO 10304-1: 2009-07 ^a 22
Arsenic (As)	1,3	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Lead (Pb)	24	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Cadmium (Cd)	0,65	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Chromium, total (Cr)	20	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Copper (Cu)	32	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Nickel (Ni)	23	mg/kg DW	DIN EN 16171: 2017-01 ^a 5

The results are only based on the items tested. No responsibility is taken for the correctness of the sampling if the samples were not taken by the GBA or on their behalf. In this case, the results refer to the sample as received. The GBA test report may not be published without the express written consent of the GBA Group, nor may excerpts of it be reproduced without permission. GBA decision rules can be seen in the general terms and conditions.

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Parameter	Result	Unit	Methods
Mercury (Hg)	<0,10	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Thallium	<0,30	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Zinc (Zn)	119	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Antimony (Sb)	2,8	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Cobalt (Co)	2,7	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Manganese (Mn)	96	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Selenium (Se)	0,28	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Tellurium	0,072	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Vanadium (V)	99	mg/kg DW	DIN EN 16171: 2017-01 ^a 5
Tin (Sn)	7,7	mg/kg DW	DIN EN 16171: 2017-01 ^a 5

With ^a marked methods are accredited methods. Detection limits (DL) may vary depending on the matrix of the sample.

Testing laboratory: ²GBA Gelsenkirchen ²²GBA Herten ⁵GBA Pinneberg

Gelsenkirchen, 10.09.2020



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 Stellv. Standortleitung