

EUROFINS Agraranalytik Deutschland GmbH · Löbstedter Straße 78 · D-07749 Jena

Eurofins Agro Testing Denmark A/S

**Ladelundvej 85
DK-6600 Vejen
Denmark**

Test report to order: 72005710

Subject: **compost analysis**
Report no.: **7200571002**
correction note: plant test
This report replaces the report no. 7200571001 from 2020-11-18.
Project no.: **7015632**
Sample type: **Kompost**
Sample number: **720027231**
Sample designation: **630-2020-00030768**
Sampling: **customer**
Registration date: **2020-10-30**
Test period: **2020-10-30 - 2020-11-18**
Attachment: **plant test (1 page)**

This report has been validated by an Analytical Service Manager (ASM) and is valid without signature.

The test results refer solely to the analysed test specimen. Unless the sampling was done by our laboratory or in our sub-order the responsibility for the correctness of the sampling is disclaimed.


Our General Terms & Conditions of Sale (GTCS) are applicable, as far as no specific agreements do exist.

The GTCS are available on request.

Accredited test laboratory according to DIN EN ISO/IEC 17025 notification under the DAkkS German Accreditation System for Testing. The accreditation shall apply for the tests listed in the certificate.

Used abbreviations: QL - quantitation limit, MU - rel. measurement uncertainty, OS - original substance, DM - dry matter, n.b. - not quantifiable

Jena, 2020-11-18



Fr. A. Bahin
Analytical Service Management



EUROFINS Agraranalytik Tel. +49 (0) 3641 4649-85
Deutschland GmbH Fax +49 (0) 3641 4649-18
Löbstedter Straße 78 www.eurofins.de
D-07749 Jena agraranalytik@eurofins.de

Amtsgericht Jena
HRB 510967
USt-IdNr.:
DE 302 456 614

Geschäftsführer:
Martin Vervoorn

Bankverbindung: HypoVereinsbank
BLZ 207 300 17, Kto 700 000 3000
IBAN DE11 207 300 177 000 003 000
BIC/SWIFT HYVEDEMME17

order number: 72005710
sample number: 720027231
**customer sample barcode/
 sample designation:** 630-2020-00030768

parameter	unit	QL	MU [%]	standard	result value
Physical parameter					
bulk density	g/l OS	10		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II A 4, 2006	302
dry substance (105°C)	Ma.-% OS	0.1	1.03	DIN EN 13040:2007-02	41.4
salt content	g/l OS	0.01		DIN EN 13038:2012-01 (calculated*)	2.60
electrical conductivity	µS/cm OS			DIN EN 13038:2012-01	1632
pH value (25 °C) (H2O)			5.22	DIN EN 13037:2012-01	9.0
rotting process level				Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel IV, Abschnitt A, 2006	5
contaminants total	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006 (calculated*)	< 0.01
temperature, maximum	°C			Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel IV, Abschnitt A, 2006	23
glass	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006	< 0.01
hard synthetics	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006	< 0.01
metal	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006	< 0.01
soft synthetics	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006	< 0.01
hard and soft plastics	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006 (calculated*)	-
other	Ma.-% DM	0.01		Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel II, Abschnitt C1, 2006	< 0.01
Determination from the aqua regia digestion acc. to EN 13650					
lead	mg/kg DM	0.3	12.83	DIN EN ISO 11885:2009-09	1.4

parameter	unit	QL	MU [%]	standard	result value
Determination from the aqua regia digestion acc. to EN 13650					
cadmium	mg/kg DM	0.1	11.27	DIN EN ISO 11885:2009-09	0.14
chromium total	mg/kg DM	0.3	12.88	DIN EN ISO 11885:2009-09	7.9
copper	mg/kg DM	2	14.76	DIN EN ISO 11885:2009-09	28
nickel	mg/kg DM	1.5	12.73	DIN EN ISO 11885:2009-09	4.7
mercury	mg/kg DM	0.01	17.78	DIN EN 13650:2002-01	0.032
zinc	mg/kg DM	2	14.54	DIN EN ISO 11885:2009-09	150
soil improvement					
loss on ignition of the dry substance (450 °C)	Ma.-% DM	0.01	1.03	DIN EN 13039:2012-01	68.7
Hygiene parameters					
germinable seed and vegetable parts	je l OS			Methodenbuch zur Analyse organischer Düngemittel, Bodenverbesserungsmittel und Substrate, Kapitel III, Abschnitt B 2.1, 2006	0
vegetable compatibility				DIN EN 16086-1:2012-01	siehe Anlage (1 Seite)

Additional notes:

calculated* - calculation based on the result of the stated standard

Customer specific information:

Basic sample-related data, which always originate from the client, are: sampling date, sampler, sample name, grain size. Data from the client for the matrix soil are: type of use, stone content, area size, area description (if not specified, the assumption is AL, stone content 0%).

The information on clay content, fine fraction, humus fraction, soil group and soil type can come from the client as basic data or can be collected by analysis by the laboratory. Eurofins Agraranalytik Deutschland GmbH assumes no liability for data originating from the client and the invoices or evaluations created with reference to this information.

attachment to order: **72005710**

EUROFINS Agraranalytik Deutschland GmbH, Lößstedter Straße 78, D-07749 Jena;
 phone: +49 (0) 3641 4649-85; fax: +49 (0) 3641 4649-18; www.eurofins.de; agraranalytik@eurofins.de



used abbreviations: OS - original substance, DM - dry matter, QL - quantitation limit,
 n.n. - not detectable

sample designation	EUROFINS AGRO TESTING DENMARK VEJEN # compost analysis # 630-2020-00030768
sample type	compost
sample number	720027231

parameter	unit	QL	procedure	standard	
*chinese cabbage test, germination	verbal	-	germinating plant test (chinese cabbage test)	according to DIN 16086-1	normal
*chinese cabbage test, germination	% control	0,1	germinating plant test (chinese cabbage test)	according to DIN 16086-1	105,3
*chinese cabbage test, yield	% control	0,1	germinating plant test (chinese cabbage test)	according to DIN 16086-1	44,6
*chinese cabbage test, vegetable compatibility at 25% testing substrate fraction	-	-	germinating plant test (chinese cabbage test)	according to DIN 16086-1	