

**Laboratory "Vides audits" Ltd.**

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03.11.2016.

**TEST REPORT No. 4338-14.10-16****1. Customer:** Verners un draugi, SIA**Address:** Ausekļa iela 7, Alūksne, LV-4301**2. Information about samples from customer:****Object:** Factory, adress „Kalveri”, Ziemera pag, Alūksnes nov., LATVIA

Bio-humus extract „VERMIEXTRACT” (A063598)

**Date of sampling:** 14.10.2016.

Sample No.	Place of sampling	Kind of sample
1	Biohumus extract „VERMIEXTRACT”	organic fertilizer

**Description of samples:**

Sample No.	Container	Amount of sample
1	plastic bottles	1.5L*2

**Received in the laboratory:** 14.10.2016.**TEST RESULTS**

Start/end date of testing ( dd/mm/yy): 14.10.2016/03.11.2016

Parameter	Unit of measurement	Result	Uncertainty <sup>x</sup>	Test method
Organic matter content	%	0.86	0.04	LVS EN 13039:2012
Total nitrogen	%	0.077*	-	LVS EN 13654-1:2004
Total phosphorus (as P <sub>2</sub> O <sub>5</sub> )	%	0.030	0.003	LVS 398:2002
Total potassium (as K <sub>2</sub> O)	%	0.465	0.042	LVS ISO 11466:1995 LVS ISO 9964-3:2000
pH	pH units	8.56	0.26	LVS EN 13037:2012
Moisture	%	98	5	LVS EN 13040:2008
Dry matter	%	2.0	0.1	LVS EN 13040:2008
Humic substances	g/L	8.2	0.7	T-261-33:2014□
Echerichia coli	CFU /1g	<10	-	LVS ISO 16649-2:2007
Salmonella spp.	CFU /25g	Not detectable	-	LVS EN ISO 6579:2003 /A1:2007
Enterococaceae	CFU /1g	<10	-	LVS NE 15788:2010 °
Conductivity	mS/cm	13.62	0.41	LVS ISO 11265:1994
Lead, Pb	mg/kg	5.81*	-	LVS ISO 11047A:1998
Copper, Cu	mg/kg	65.5	6.6	LVS ISO 11047A:1998
Cadmium, Cd	mg/kg	<0.17	-	LVS ISO 11047A:1998
Chromium, Cr	mg/kg	<1	-	LVS ISO 11047:1998 A
Nickel, Ni	mg/kg	17.4	1.9	LVS ISO 11047A:1998
Arsenic, As	mg/kg	<0.2	-	LVS ISO 11466:1995 LVS EN ISO 15586:2003
Zinc, Zn	mg/kg	216	22	LVS ISO 11047A:1998
Mercury, Hg	mg/kg	<0.2	-	LVS 346:2005

Metals (Cd,Ni,Pb,Cu,Zn,Cr,Hg) and microbiological concentrations are given on a perfectly dry mass of the sample.

Agrochemical characteristic concentrations are given in the moist sample mass.

<sup>x</sup> given uncertainty of the measurement is the expanded uncertainty- calculated, using covering coefficient 2, which ensure 95% level of confidence.

Results under the method detection limit (MDL) are given with the symbol <. The number after the symbol is equal to the MDL.

\* The result is between the MDL and the limit of quantitation (LQ). The uncertainty in this interval can reach 50%.

°the test method is outside of the field of laboratory accreditation.

*Test results relate only to the tested samples!*

*Sampling is carried out by the customer.*

*The laboratory is not liable for the data, given by the customer.*

Laboratory Supervisor Deputy:

N.Gorbunova

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