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UAB BIODINAMIKA
 Pypliu k
 56103 Kaisiadoriu raj
 LITWA

Report Date 19.01.2017

Analytical report AR-17-ST-004048-01**Sample Code 720-2016-00199551**

Type of sample	pellets - AGROLINIJA - GRAN
Sample sender	UAB BIODINAMIKA
Prescriber	UAB BIODINAMIKA
Purchase order date	20.12.2016
Reception date time	23.12.2016
Transport by	Courier
Sample condition	proper
Date of sampling	20.12.2016
Sample taken by	customer
Type of sampling	guaranteeing its representativeness
Purpose of the testing	no data
Number of tested samples	1
Start analysis	23.12.2016
End Analysis	18.01.2017

Results**ST0PFa Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)**

Method DIN EN ISO 11885

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Iodine 0.70 Ma.-%

ST0PFb Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN ISO 10694

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Silicium (Si) as SiO₂ from borate digestion 0.38 Ma.-%**ST0PFc Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)**

Method ASU §64 LFGB L00.00-93 (2006-09) [L93] (N)

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Total inorganic carbon 1.6 mg/kg TS

ST0PFd Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method BGK e.V.

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

bulk density 760 g/l OS

ST0PFe Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN 13040

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

dry substance (105°C) 82.4 Ma.-% OS

ST0PFf	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN 13038	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
electrical conductivity	11236	µS/cm OS
ST0PFg	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN 13037	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
pH at 25°C	9.2	
ST0PFd	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	BGK e.V.	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
Nitrogen total	3.19	Ma.-% DM
Phosphorus as P2O5	1.48	Ma.-% DM
Potassium as K2O	7.02	Ma.-% DM
nitrogen, inorganic	869	mg/l OS
ammonium nitrogen	140	mg/l OS
nitrate nitrogen	729	mg/l OS
Phosphorus	4180	mg/l OS
Potassium	62300	mg/l OS
JE0M7	Chromium (VI) [sludge] [double determination] mg/kg dw (A)	
Method	DIN EN 15192	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
Chromium (VI)	<0.50	mg/kg DM
ST0PF	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN 12879	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
ask content of the dry mass	34.2	Ma.-% DM
JE07Q	TC (total carbon) [compost] ma.-% dw (A)	
Method	DIN EN 13137	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
TC (Total Carbon)	27.8	Ma.-% DM
ST0PF	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN 13137	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
Total organic carbon	27.4	Ma.-% DM
ST0PFa	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN ISO 11885	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
Arsenic (As)	<2.0	mg/kg DM
Iron (Fe)	1700	mg/kg DM
Manganese (Mn)	210	mg/kg DM
Sodium	1800	mg/kg DM
Boron (B)	47	mg/kg DM
Cobalt (Co)	1.4	mg/kg DM
ST0PF	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN ISO 17294-2	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		
Selenium (Se)	0.33	mg/kg DM
Molybdenum (Mo)	3.6	mg/kg DM
ST0PFa	Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)	
Method	DIN EN ISO 11885	
Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00		

Sulphur (S) 5400 mg/kg DM

STOPF Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN ISO 11885 / DIN EN 13650

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Magnesium (Mg) 7600 mg/kg DM

Calcium 27000 mg/kg DM

STOPFa Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN ISO 11885

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Iron (Fe) 0.17 Ma.-% DM

Manganese (Mn) 0.021 Ma.-% DM

Sodium 0.18 Ma.-% DM

Sulphur (S) 0.54 Ma.-% DM

STOPF Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN 13039

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

loss of ignition of the dry substance (450°C) 65.8 Ma.-% DM

STOPFa Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN ISO 11885

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Lead (Pb) <2.0 mg/kg DM

Cadmium (Cd) 0.31 mg/kg DM

Chromium (Cr) total 2.1 mg/kg DM

Copper (Cu) 13 mg/kg DM

Nickel (Ni) 2.4 mg/kg DM

STOPF Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN ISO 16772

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Mercury (Hg) 0.061 mg/kg DM

STOPFa Soil test Metals and nonmetals content, pH, organic matter, dry weight (A)

Method DIN EN ISO 11885

Subcontracted to the accredited Eurofins laboratory Eurofins Umwelt Ost GmbH (Jena), accreditation nr. DIN EN ISO/IEC 17025:2005 D-PL-20226-01-00

Zinc (Zn) 110 mg/kg DM

A = Method accredited

Karolina Grabowska

Approved by: Karolina Grabowska
Analytical Service Manager

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