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Analytical report AR-17-ST-091574-02

Supplement of report No.: AR-17-ST-091574-01



Sample code 720-2017-00151317

Type of sample	Agrolinija S
Sample sender	UAB BIODINAMIKA
Prescriber	UAB BIODINAMIKA
Reception date	18.10.2017
Transport by	courier
Sample condition	unreservedly
Sample taken by	client
Type of sampling	no data
Packaging	plastic bottle
Number of tested samples	1
Start analysis	24.10.2017
End Analysis	30.11.2017

Results

KH00B	Density (#)		
Method	Gravimetry		
Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
Density		1.025	g/cm3
KH01L	Cobalt(Co) (A)		
Method	PN-EN 15960:2011, PN-EN ISO 11885:2009 , ICP-OES, PN-EN ISO 11885:2009		
Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213			
Cobalt (Co)		<0.2	mg/l
KH01M	Molybdenum (Mo) (A)		
Method	PN-EN 15960:2011, PN-EN ISO 11885:2009, ICP-OES, PN-EN ISO 11885:2009		
Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213			
Molybdenum (Mo)		<0.41	mg/l
ST0HK	Potassium (K) (A)		
Method	PN-EN 15960:2011 PN-EN 15961:2011 , ICP-OES		
Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213			
Potassium		3936	mg/l ± 1137
ST0HQ	Sulphates (#)		
Method	PN-ISO 11048:2002, IC-EC		

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Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.

Sulphates 3403 mg/l ± 680

ST0I4 Manganese (Mn) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Manganese (Mn) 7.96 mg/l

ST0KP Copper (Cu) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Copper (Cu) 15.2 mg/l ± 2,28

ST0KQ Zinc (Zn) (A)

Method PN-EN ISO 11885:2009, ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Zinc 6.78 mg/l ± 1,02

ST0QS Chromium (Cr) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Chromium (Cr) 1.16 mg/l ± 0,17

ST11S Value pH (#)

Method PN-EN ISO 10523:2012, Potentiometry

Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.

pH 8.6 ± 0,2

ST11W Total phosphorus (A)

Method PN-EN 15960:2011 PN-EN 15961:2011 , Spectrophotometry

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Total phosphorus 1085 mg/l ± 315

ST11Y Total nitrogen (#)

Method PN-EN 13342:2002, Calculation

Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.

Total Nitrogen 2106 mg/l ± 343

ST11Z General iron (A)

Method PN-EN 15960:2011 , F-AAS

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Iron 155 mg/l ± 31

ST16G Boron (B) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Boron (B) 7.01 mg/l ± 1,4

ST16H Cadmium (Cd) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Cadmium (Cd) <0.05 mg/l

ST16K Lead (Pb) (A)

Method PN-EN 15960:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Lead (Pb) <1.03 mg/l

ST16L Sodium (Na) (A)

Method PN-EN 15960:2011 PN-EN 15961:2011 , ICP-OES

Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213

Sodium (Na) 684 mg/l ± 195

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ST16M	Magnesium (Mg) (A)			
Method	PN-EN 15960:2011 PN-EN 15961:2011, ICP-OES			
	Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213			
	Magnesium (Mg)	395	mg/l	± 113
ST16P	Mercury (Hg) (A)			
Method	PB/I/11/C:10.04.2017, ICP-OES			
	Subcontracted to an external laboratory accredited for this test Ośrodek Badań i Kontroli Środowiska Sp. z o.o., accreditation nr. AB 213			
	Mercury (Hg)	<0.05	mg/l	
STA19	Chromium (VI) (#)			
Method	PN-EN ISO 18412:2007, Spectrophotometry			
	Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
	Chromium (VI)	<0.10	mg/l	
STA21	Detection of eggs of the intestinal parasites (#)			
Method	PB/BB/5/D:26.06.2014, Microscopy			
	Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
	Ascaris Eggs	0	/kg dm	
	Toxocara eggs (Nematodes)	0	/kg dm	
	Viable Trichuris eggs (Nematodes)	0	/kg dm	
STA22	Salmonella (#)			
Method	PB/BB/7/F:20.03.2014, Cultural technique (chromogenic media)			
	Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
	Salmonella	-	/100 g	
STA23	Dry matter (#)			
Method	PN-EN 14346:2011, Gravimetry			
	Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
	Dry matter	5.6	%	± 0,6
STA24	organic substances (#)			
Method	PN-EN 15169:2011, Gravimetry			
	Subcontracted to an external laboratory Ośrodek Badań i Kontroli Środowiska Sp. z o.o.			
	Organic substances	54.0	% dm	± 5,4
VD170	Humic acid (A)			
Method	TCVN 8561:2010, Titrimetry			
	Subcontracted to the accredited Eurofins laboratory Eurofins Sac Ky Hai Dang (Ho Chi Minh), accreditation nr. VILAS 238			
	Humic acid	25300	mg/l	
VD319	Fulvic acid (A)			
Method	TCVN 8561:2010, Titrimetry			
	Subcontracted to the accredited Eurofins laboratory Eurofins Sac Ky Hai Dang (Ho Chi Minh), accreditation nr. VILAS 238			
	Fulvic acid	7700	mg/l	

= Not accredited

A = Method accredited

+/- Uncertainty of result presented as expanded uncertainty of measurement (95%; k=2). The uncertainty does not include the sampling. The result and its uncertainty refer to the analyzed sample.



 Approved by: Tomasz Ludkiewicz
 Analytical Service Manager