

FEDERAL SERVICE FOR ACCREDITATION

Federal State Institution
Kostromskaya State Agrochemical Service Station

ACCREDITED TESTING LABORATORY

Accreditation Certificate registration No. ROSS RU.0001.21PCh18

dated 19.06.2014 valid until 19.06.2019

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Test Report № 2494 dated September 30, 2015

Test item:	Organic and mineral fertilizer 'Gumat-Organik'
Supporting document:	Application dated 14.08.2014 from BioOrganikSintez LLC
Registration No.	22494/14
Sample receipt date:	August 18, 2014
Test date(s):	August 8, 2014 – September 30, 2014
Customer	BioOrganikSintez LLC, 7 Skvortsova St. Kostroma, 156029
Volume of the sample received for testing:	1 decimeter ³
For conformity to the following mandatory requirements:	TU 0392-001-10983621-2014

TEST RESULTS

Indicator to be measured	Regulatory document related to test methods	Measureme nt units	Value of characteristic		
			according to regulatory documents	during tests	error
Toxic elements					
Lead (total form)	GOST 26487-85	mg/kg	130	0.59	+0.15
Cadmium (total form)	GOST 26487-85	mg/kg	2	0.062	+0.019
Arsenic (total form)	GOST R 54650-2010	mg/kg	10	2.80	
Mercury	MU-93	mg/kg	2.1	below 0.015	
Benzpyrene	M 03-04-98 methodology	mg/kg	0.02	below 0.005	
Weight percent of water soluble of humic acids, at least	GOST 9517-94	%	2.00–4.00	2.15	
Weight percentage of active forms of potassium, at least:	RD 52.24.391-2008	g/dm³	0.2–0.1	1.28	
pH of initial solution	GOST 11623-89	pH units	9–10	8.55	+0.2
Aggregate specific potency of natural radionuclides	MU 2.6.1.2838-11	Bq/kg	300	46.3	+27.2

The report is on page 1.

Head of Toxicological And Radiologic Monitoring Department

Test results confirmed by:

Head of Testing Laboratory

A.N. Skorokhodov

State Geological
Museum, Khitrova

Note: This test report relates only to tested samples.

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