

Testing Laboratory "Test-control"
Certificate ROSS RU.31578.04OLN0.IL36
(РОСС RU.31578.04ОЛН0.ИЛ36)

Period of validity form 14th March, 2024 to 13th March, 2027

Address: 3B, Patriarch Pimen Street, urban locality Sofrino, Pushkinsky District, Moscow Region,
141270, Russia

Certified by:
The head of the laboratory

A. F. Shishkin
4th July, 2025



Test Protocol
No. 003/E-04/07/25 from 4th July, 2025

Test requestor, requestor's address ¹	Limited Liability Company 'Saproferteks, room 9/1, build. 3, 5a Stroitelny proezd, municipal district Yuzhnoe Tushino, Moscow 125363, Russia
Testing object's name ¹	organic and organo-mineral fertilizers (not agrochemicals) based on liquid peat- sapropel in the form of 1. spray injected into natural mineral porous crushed granules on client's choice (zeolite, diatomaceous earth, glauconite, bentonite and similar materials separately); or 2. mixed, in the ratio as in the specification.
Manufacture ¹	Limited Liability Company 'Saproferteks, room 9/1, build. 3, 5a Stroitelny proezd, municipal district Yuzhnoe Tushino, Moscow 125363, Russia

¹ The information given by the requestor

Plan (method) of sampling ¹	Samples were collected in accordance with GOST R 58972-2020, selection report No. 003/E-04/07/25 from 4 th July, 2025
Identification Sample No.	003/E-04/07/25 from 4 th July, 2025
Test conducted to meet the requirements	GOST 34103-2017 Organic fertilizers. Terms and definitions.

TEST RESULTS

Testing engineer: P. S. Popov

Indicators (characteristics)	Testing method	Standardized values	Test results
1	2	3	4
Dry solids weight ratio, %, not less than	GOST R 54000-2010	40	49
Content by weight, percentage, on a dry basis: - organic substances, not less than - total nitrogen, not less than - total phosphorus (P ₂ O ₅), not less than - calcium (CaO), not more than - ferrum (Fe ₂ O ₃), not more than - sulfur (SO ₃), not more than - total potassium (K ₂ O), not less than	GOST R 54000-2010	50 1,5 0,2 0,1 20 3,0 0,3	58,3 1,3 0,5 7,1 1,17 2,6 1,9
Content of fertilizer particles more than 10 mm in size, %, not more than	GOST R 54000-2010	20	4
Content of ballast substances, foreign mechanical inclusions, % from fertilizer mass of standard humidity: - with high specific density (stone, crushed stone, metal, etc.), less than 10 mm in size - with low specific density (twine, cord, woodchips, etc.), less than 25 mm in size	GOST R 54000-2010	1,0 5,0	0,2 3,1

Salt extract acidity, pH, not less than	GOST R 54000-2010	5,0	6,5
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Total pesticide residue on a dry basis, including certain substances, mg/kg on dry substance, not more than: • organochloride pesticides: - HCH (isomere sum) 0,10 0,9 - DDT and its metabolites (aggregate number) 0,10 0,04 - heptachlor 0,05 0,02 - kelthan 1,00 0,3 • organophosphorous pesticides: - aktellik 0,50 0,2 - bazudin 0,10 0,05 - karbofos 2,00 0,4 - phosphamide 0,30 0,08	GOST R 54000-2010		
Mass concentration of Benzo[a]pyrene, mg/kg on dry substance, not more than	GOST R 54000-2010	0,02	0,01
Mass concentration of chlorinated biphenyls, mg/kg on dry substance, not more than, including: - poly-chlorinated biphenyls 0,06 0,01 - penta-chlorinated biphenyls 0,1 0,02 - tri-chlorinated biphenyls 0,1 0,02	GOST R 54000-2010		
Effective specific potency of natural radionuclides, Bq/kg on dry substance, not more than	GOST R 54000-2010	300	113
Specific effective activity of induced radionuclides (Acs/45 + Asr/30), not more than	GOST R 54000-2010	1 rel. unit	1 rel. unit
Index of sanitary-indicatory micro-organisms, CFU/g: - coliform bacteria 1-9 2 - enterobacteria 1-9 1	GOST R 54000-2010		

Presence of pathogenic and disease-inducing bacteria, including enterobacteria (pathogenic sulphur bacteria, coliform bacteria, salmonella, proteus). Enterococcus (staphylococcus, clostridia, bacilli), enteroviruses, CFU/g:	GOST R 54000-2010	Not allowed	Not found
Presence of revivable eggs and helminth larvae, including nematode worms (ascarids, whipworms, strongyles, strongyloides), trematodes, tapeworms, specimen per kg	GOST R 54000-2010	Not allowed	Not found
Enteric pathogenic protozoan cysts, specimen per 100 g	GOST R 54000-2010	Not allowed	Not found
Presence of synantrophic fly larvae or chrysalises, specimen per kg	GOST R 54000-2010	Not allowed	Not found

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Notes:

1. The present test protocol is applicable only to the samples that have undergone the trial process. The results of the trials refer to the samples provided by the Requestor.
2. The test protocol shall not be reproduced incompletely unless a written consent has been given by the test laboratory.
3. The testing methodologies applied herein have been featured on the list of standards containing the rules and methods of research (testing) and measurements, including the rules of sample collection, which are necessary in order to apply and comply with the requirements of technical guidelines.

END OF TEST PROTOCOL