



limited liability company
«VNIITP-TEST CENTER»
TESTING LABORATORY OF PEAT AND PRODUCTS ITS
PROCESSING

Sheet 1
Sheets 1

Accreditation certificate № POCC.R.U.OOO 1.21 TY 07 from 27th june 2013

QUALITY CERTIFICATE
(CERTIFICATE)

Test applicant and
manufacturer

«RIART», LLC, 249033, Pyatinsky proezd,12,
Obninsk, Kaluga region

Product name

Liquid humic fertilizer «GEOROST»

The number of samples

~ 018-19

Sample delivery date

~ 22.02.2019

Sampling location

Shop of manufacturer

**LIQUID HUMIC FERTILIZER «GEOROST» (ultrasonic
extraction from lowland peat)**

Test results

Name of indicators		The value of indicators
Density, g/dm ³ (g/l)		1058
Acidity	pH direct measurement]	6,80
The content of mobile forms of nutrients, mg/l (g/l):		
nitrogen	ammonia N-NH ₄	10 875 (10,88)
	nitrate N-NO ₃	absence
	amount of nitrogen	10 875 (10,88)
phosphorus in terms of P ₂ O ₅		27 375 (27,38)
potassium in terms of K ₂ O		15 725 (15,73)
Content of water-soluble humic acids, g/l		7,42
Content of fulvic acids, g/l		1,90

Conclusion. Tested peat fertilizer "Georost" is a black liquid with a faint smell of ammonia, without any precipitate or opalescence. The fertilizer is obtained by lowland peat's ultrasonic treatment of high degree decomposition. The fertilizer has a slightly acidic medium reaction, contains humic acids in a mobile form and all plant nutrients in an average concentration. The fertilizer with all its indicators of quality accords to the requirements of all-Union State Standard (GOST) P 54249-2010 brand A.

"Georost" fertilizer is recommended for root and foliar fertilizing of most cultivated plants (flower, vegetable, green, leguminous and industrial crops, berry and fruit trees and shrubs), and also seedlings of coniferous plants (spruce, pine).

Head of laboratory

L. Kuznetsova