

REPORT OF ANALYSIS No. LT 2420-0056-0024/6-MIN

In pursuance to an order received from GRANMAX UAB to carry out analysis on submitted sample as:

Report issue date: : 03.06.2024
Client /Address : GRANMAX UAB
Grade as declared : NPK
Sample source : 1 x 0,9 kg plastic bag
Sample received : at 9:00 on 29.05.2024
Sample description : NPK 12-24-12
(data from label) : 2024 05 27-28
Sample sealed : unsealed
Sample tested : submitted sample
Testing place : NR Minerals Laboratory SGS Klaipeda Ltd/119 Silutės pl., Klaipeda, Lithuania
Testing date : 30.05-03.06.2024
Sample number : 24-0563

This is to report, that in accordance with instructions received from our Client Messrs. GRANMAX UAB we have carried out analysis of a sample of NPK. Based on analysis performed, we report our findings as follows:

TESTS	METHODS	UNITS	LIMITS	RESULTS
Nitrogen (N) total	LST EN 15604:2009	mass %	12	12.3
Ammonium nitrogen	LST EN 15475:2009	mass %	not specified	12.2
Nitrate nitrogen	DI-040:2023	mass %	not specified	0.04
Ureic nitrogen	LST EN 15604:2009	mass %	not specified	0
P ₂ O ₅ total	LST EN 15956:2011	mass %	24	25.9
	LST EN 15959:2012			
P ₂ O ₅ soluble in water and neutral ammonium citrate	LST EN 15957:2011	mass %	not specified	25.8
	LST EN 15959:2012			
P ₂ O ₅ water soluble	LST EN 15958:2012	mass %	not specified	24.6
	LST EN 15959:2012			
Potassium (K) as K ₂ O water soluble	EN 15477:2009	mass %	12	12.5
Biuret	LST EN 15479:2012	g/kg	not specified	0.8
Moisture	GOST 20851.4-75	mass%	not specified	1.26
Chromium (VI) water soluble	EN 16318 method A	mg/kg	max. 2.0	less than 1.0
Chromium (Cr)	AOAC 2017.02	mg/kg	not specified	126.4
Arsenic (As)	AOAC 2017.02	mg/kg	max 40	7.4
Cadmium (Cd)	AOAC 2017.02	mg/kg	max 40	14.0
Mercury (Hg)	AOAC 2017.02	mg/kg	max 1	less than 0.05
Lead (Pb)	AOAC 2017.02	mg/kg	max 100	less than 1.0
Selenium (Se)	AOAC 2017.02	mg/kg	max 20	less than 0.5
Cooper (Cu)	AOAC 2017.02	mg/kg	not specified	18.5
Zinc (Zn)	AOAC 2017.02	mg/kg	not specified	225.4
Nickel (Ni)	AOAC 2017.02	mg/kg	max 100	27.1
Sulphur total	LST EN 15960:2012	mass %	not specified	3.6
	LST EN 15749:2022			

Test results related to the items tested.

The sample to which the findings recorded herein (the "Results") relate was drawn and / or provided by the Client or by a third party acting at the Client's direction. The Results constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample. The Company accepts no liability with regard to the origin or source from which the sample is said to be extracted.

Signed and dated at Klaipeda
June 03, 2024

For and on behalf of
SGS Klaipeda Ltd
Julija Sidoruk

Nr. 2

<< End of the Test Report >>

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the above results. Users of the data shown on this report should refer to the latest published revisions of ISO 5725 when utilising the test data to determine conformance with any specification or process requirement. Measurement uncertainty can be provided upon request to the client.

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