GRANMAX

LIETUVOS RESPUBLIKA
Uždaroji akcinė bendrovė „Granmax" Joint Stock Company
SERTIFIKATAMS
REPUBLIC OF LITHUANIA

KOKYBĖS SERTIFIKATAS

PREKIŲ APRAŠYMAS:
KOMPLEKSINĖS MINERALINĖS ŽEMĖS ŪKIO TRĄŠOS (KOMPAKTUOTOS) **NPK 9-23-30**
SGS laboratorijos tyrimo protokolas Nr.LT2323-0056-0114/12
Partijos Nr.11/27

MES, UAB "GRANMAX" PAŽYMIME, KAD **NPK 9-23-30** (KOMPAKTUOTOS) TRĄŠOS ATITINKA ŠIUOS KOKYBINIUS REZULTATUS:

PARAMETRAI	METODAI	VIENETAI	REZULTATAI
Azotas bendras (N)	LST EN 15604:2009	mass%	**8.4**
Amoniakinis azotas	LST EN 15475:2009	mass%	8.4
Nitritinis azotas	Di-040:2023	mass%	Mažiau kaip 0.1
Karbamidinis azotas	LST EN 15604:2009	mass%	Mažiau kaip 0.1
Suminis fosforo pentoksidas(P2O5)	LST EN 15956:2011 LST EN 159158:2012	mass%	**22.8**
Vandenyje irneutraliame amonio citrate tirpus fosforo pentoksidas (P2O5)	LST EN 15956:2011 LST EN 159158:2012	mass%	22.4
Vandenyje tirpus fosforo pentoksidas(P2O5)	LST EN 159158:2012 LST EN 159159:2012	mass%	21.5
Kalis (K) kaip K_20 tirpus vandenyje	EN 15477:2009	mass%	**32.6**
Kadmis (Cd)	AOAC 2017.02	mg/kg	11.8
Švinas (Pb)	AOAC 2017.02	mg/kg	Mažiau už 1.0
Chromas (VI)	EN 16318 method A	mg/kg	Mažiau už 1.0
Chromas (Cr)	AOAC 2017.02	mg/kg	80.0
Arsenas (As)	AOAC 2017.02	mg/kg	38.0
Gyvsidabris(Hg)	ICP-HG	mg/kg	Mažiau už 0.05
Selenas (Se)	AOAC 2017.02	mg/kg	Mažiau už 0.5
Varis (Cu)	AOAC 2017.02	mg/kg	22,3
Cinkas (Zn)	AOAC 2017.02	mg/kg	210.9
Nikelis (Ni)	AOAC 2017.02	mg/kg	22.5
Biuretas	LST EN 15479:2012	g/kg	5.4
Granulometrija 2.00-5.00 mm	ISO 8397	n/a	Min. 90
Statinis stiprumas		kgF/gr	Daugiau už 3.00
Spalva			Nuo baltos iki pilkos

UAB „Granmax"
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Sandėliavimas: Laikyti sausai ir saugoti nuo saulės. Laikyti vaikams ir gyvūnams nepasiekiamoje vietoje. Nelaikykite trąšų šalia vandens telkinių ar nuotekų. Trąšas laikyti uždengtąs, po naudojimo gerai uždaryti maišus.
Naudojimas: 1-3 kartus auginimo sezono metu. Naudojimo normos turi atitikti pasėlių reikalavimus. Taip pat reikia atsižvelgti į maistinių medžiagų kiekį dirvožemyje, kad būtų išvengta per didelio naudojimo. Reikėtų vadovautis oficialios konsultavimo tarnybos rekomendacijomis.

UAB "Granmax"
Klaipėda , Lietuva
Data 2023 m. lapkričio 27 d.

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LIETUVOS NACIONALINIS AKREDITACIJOS BIURAS

BANDYMAI ISO/IEC 17025 Nr. LA-105-01-1

REPORT OF ANALYSIS No. LT 2320-0056-0114/12

In pursuance to an order received from NR Minerals Commodities Division / 119 Silutes pl., Klaipeda, Lithuania to carry out analysis on submitted sample as:

Report issue date: : 27.11.2023
Client /Address : NR Minerals Commodities Division / 119 Silutės pl., Klaipeda, Lithuania
Grade as declared : *NPK*
Sample source : 1 x 1.0 kg plastic bag
Sample received : at 09:00 on 23.11.2023
Sample description (data from label) : NPK 9-23-30
Sample sealed : unsealed
Sample tested : presented sample
Testing place : NR Minerals Laboratory SGS Klaipeda Ltd/119 Silutės pl., Klaipeda, Lithuania
Testing date : 23-27.11.2023
Sample number : 23-1138

This is to certify, that in accordance with instructions received from our Client Messrs. NR Minerals Commodities Division / 119 Silutes pl., Klaipeda, Lithuania, 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 %	9	8.4
Ammonium nitrogen	LST EN 15475:2009	mass %	not specified	8.4
Nitric nitrogen	DI-040:2023	mass %	not specified	less than 0.1
Ureic nitrogen	LST EN 15604:2009	mass %	not specified	less than 0.1
P_2O_5 soluble in mineral acids	LST EN 15956:2011 LST EN 15959:2012	mass %	23	22.8
P_2O_5 soluble in water and neutral ammonium citrate	LST EN 15957:2011 LST EN 15959:2012	mass %	not specified	22.4
P_2O_5 water soluble	LST EN 15958:2012 LST EN 15959:2012	mass %	not specified	21.5
Potassium (K) as K_20 water soluble	EN 15477:2009	mass %	30	32.6
Biuret	LST EN 15479:2012	g/kg	not specified	5.4
Moisture	GOST 20851.4-75	mass%	not specified	1.28
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	80.0
Arsenic (As)	*AOAC 2017.02	mg/kg	max 40	38.0
Cadmium (Cd)	*AOAC 2017.02	mg/kg	max 40	11.8
Mercury (Hg)	*ICP-HG	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	22.3
Zinc (Zn)	*AOAC 2017.02	mg/kg	not specified	210.9
Nickel (Ni)	*AOAC 2017.02	mg/kg	max 100	22.5

Test results related to the items tested

Remark: limits provided in accordance with client requirements.
*marked methods are not accredited by Lithuanian National Accreditation Bureau

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.

Alina Gudeliene — Minerals Laboratory Coordinator
(name, surname, signature) (position title)

<< 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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