

ZURICH ANALYTICAL LABS AG

Independent Chemical & Quality Control Services

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lab@zurich-analytical.example | ISO 17025:2017 (scope: fertilizers)



ZAL-2026-0124-113

QUALITY TEST REPORT (SCAN COPY)

Report No.:	ZAL-2026-0124-113	Sample ID:	S-0124-7
Client:	AgriNova Fertilizers LLC (Uzbekistan)	Batch / Lot:	AN-0124-7
Client Ref.:	AN-QA-0124-W04	Sampling Date:	2026-01-24
Product:	NPK Granular Fertilizer 12-24-12 (bulk)	Received:	2026-01-25 09:14 CET
		Report Date:	2026-01-26

Methods: Karl Fischer moisture (KF-01), sieve analysis ISO 8397, nutrient content by ICP-OES (ICP-05). Uncertainty stated at 95% CI where applicable.

Parameter	Result	Specification	Unit
Moisture content	1.9	<= 1.2	% (w/w)
Granule size 2-4 mm	72	>= 85	%
Dust fraction < 1 mm	6.3	<= 2.0	%
Total Nitrogen (N)	11.6	12.0 +/- 0.5	%
Available Phosphate (P2O5)	24.3	24.0 +/- 0.7	%
Soluble Potash (K2O)	12.2	12.0 +/- 0.6	%

Interpretation:

The sample does NOT conform to the stated product specification for moisture, dust fraction, and the 2-4 mm granule fraction. Elevated moisture is consistent with storage/handling exposure to humidity or insufficient cooling time post-granulation. Re-test is recommended after corrective action.

Notes / Limitations:

- Results apply only to the sample as received.
- No information about sampling procedure or chain-of-custody was provided beyond client declaration.
- This report is a scan copy. Original signed report is stored in lab archive for 5 years.

Authorized Signatory

Dr. Lena Vogt, Head of Materials Testing

Signature:

