



CERTIFICATE OF ANALYSIS

Product : AMMONIUM NITRATE
Product number : A0501
Batch number : 018884
Date of production : 13-11-2024
Date of analysis : 15-11-2024
Date of expiry : 30-11-2029

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless to light yellowish coloured pallets	complies		
Solubility	soluble in water			20°C / 1183 g/l
Total N-content calculated	≥ 34.9	34.96	%	w/w
Content of free ammonia	≥ 0.002	0.004	%	w/w
pH	5.0 – 6.5	6.0		10% in H ₂ O
Water insoluble	≤ 20	complies	mg/kg	w/w
Residue on ignition	≤ 20	complies	mg/kg	w/w
Chloride	≤ 2	complies	mg/kg	w/w
Iron	≤ 1	complies	mg/kg	w/w
Organic carbon	≤ 10	complies	mg/kg	w/w
Moisture	≤ 0.2	0.11	%	w/w
Assay	≥ 99.8	99.89	%	NH ₄ NO ₃ w/w

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Approved by:

S. Bayat, MSc, pharmacist
Department of Quality Control Duchefa B.V.

Date: 18-11-2024

The buyer is responsible to test each batch to ensure the product is suitable for its specific purpose.

