

CERTIFICATE OF ANALYSIS

Product : AMMONIUM NITRATE
 Product number : A0501
 Batch number : 017491
 Date of production : 10-01-2023
 Date of analysis : 11-01-2023
 Date of expiry : 31-01-2028

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	34.97	%	w/w
Content of free ammonia	≥ 0.002	0.006	%	w/w
pH	5.0 – 6.5	6.3		10% in H ₂ O
Water insoluble		≤ 20	mg/kg	
Residue on ignition		≤ 20	mg/kg	
Chloride	≤ 2	≤ 2	mg/kg	
Iron	≤ 1	≤ 1	mg/kg	
Organic carbon		≤ 10	mg/kg	
Moisture	≤ 0.2	0.10	%	w/w
Assay	≥ 98.8	99.90	%	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: 12-01-2023

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

Duchefa Biochemie B.V.