

## CERTIFICATE OF ANALYSIS

Product : **AMMONIUM NITRATE**  
 Product number : A0501  
 Batch number : 016206  
 Date of production : 18-05-2021  
 Date of analysis : 18-05-2021  
 Date of expiry : 31-05-2026

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

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Appearance	colourless to light yellowish coloured pallets	complies		
Solubility	soluble in water			20°C / 1183 g/l
Total N-content calculated	≥ 34.9	34.95	%	w/w
Content of free ammonia	≥ 0.002	0.004	%	w/w
pH	5.0 – 6.5	6.1		10% in H <sub>2</sub> O
Water insoluble	≤ 0.002	complies	%	w/w
Residue on ignition	≤ 0.002	complies	%	w/w
Chloride	≤ 0.0002	complies	%	w/w
Iron	≤ 0.0001	complies	%	w/w
Organic carbon	≤ 0.001	complies	%	w/w
Moisture	≤ 0.2	0.14	%	w/w
Assay	≥ 98.8	99.86	%	NH <sub>4</sub> NO <sub>3</sub> w/w

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

Conclusion: approved

Approved by:

drs. M. van Wissen, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 25-05-2021



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

Duchefa Biochemie B.V.