

## CERTIFICATE OF ANALYSIS

Product : **AMMONIUM NITRATE**  
 Product number : A0501  
 Batch number : 015130  
 Date of production : 06-01-2020  
 Date of analysis : 06-01-2020  
 Date of expiry : 31-01-2025

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	0.0041	%	w/w
pH	5.0 – 6.5	6.2		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	0.10	%	w/w
Assay	≥ 98.8	99.90	%	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:



Date: 09-01-2020

drs. Q. de Hoog, pharmacist  
 Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.