

## CERTIFICATE OF ANALYSIS

Product : AMMONIUM NITRATE  
 Product number : A0501  
 Batch number : 018367  
 Date of production : 27-02-2024  
 Date of analysis : 28-02-2024  
 Date of expiry : 28-02-2029

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

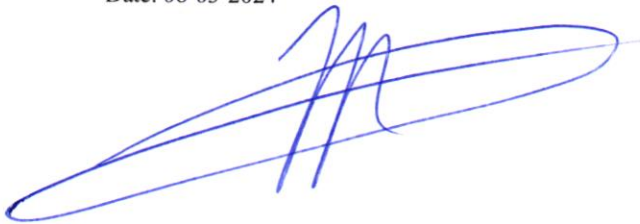
	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless to light yellowish coloured pallets	complies		
Solubility	soluble in water			20°C / 1183 g/l
Total N-content calculated	≥ 34.9	34.97	%	w/w
Content of free ammonia	≥ 0.002	0.003	%	w/w
pH	5.0 – 6.5	6.1		10% in H <sub>2</sub> O
Water insoluble	≤ 20	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	0.10	%	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:

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

Date: 06-03-2024



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