

CERTIFICATE OF ANALYSIS

Product : **AMMONIUM NITRATE**
 Product number : A0501
 Batch number : 013891
 Date of production : 09-07-2018
 Date of analysis : 09-07-2018
 Date of expiry : 31-07-2023
 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	34.95	%	w/w
Content of free ammonia	≥ 0.002	0.0031	%	w/w
pH	5.0 – 6.5	5.8		10% in H ₂ 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	0.13	%	w/w
Assay	≥ 97.5	99.87	%	NH ₄ NO ₃ w/w

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

Conclusion: approved

Approved by:

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

Date: 12-07-2018

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