

## **CERTIFICATE OF ANALYSIS**

Product AMMONIUM NITRATE

Product number A0501 Batch number 013314 Date of production 08-11-2017 Date of analysis 10-11-2017 Date of expiry 30-11-2022

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

Appearance	SPECIFICATION colourless to light yellowish coloured pallets	RESULT complies	UNITS	REMARKS
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	0.0043	%	w/w
pH	5.0 - 6.5	5.8		10% in H <sub>2</sub> O
Water insoluble	≤ 0.002	complies	%	w/w
Residue on ignition	$\leq$ 0.002	complies		w/w
Chloride	≤ 0.0002	complies	%	w/w
Iron	$\leq 0.0001$	complies	%	w/w
Organic carbon	≤ 0.001	complies	%	w/w
Moisture	≤ 0.2	0.09	%	w/w
Assay	≥ 97.5	99.91	%	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: 13-11-2017

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

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