

CERTIFICATE OF ANALYSIS

Product : AMMONIUM NITRATE

Product number : A0501
Batch number : 011527
Date of production : 18-09-2015
Date of analysis : 21-09-2015
Date of expiry : 30-09-2020

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	34.95	%	w/w
Content of free ammonia	≥ 0.002	0.0048	%	w/w
рН	5.0 - 6.5	5.9		10% in H ₂ 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	\leq 0.2	0.14	%	w/w
Assay	≥ 97.5	99.86	%	NH ₄ NO ₃ 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: 09-12-2015

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

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