

Ammonium chloride  
AR, ACS  
500 G



**RANKEM**

Material No.: A0386

Batch No.: J108E22

Manufactured Date: 05-2022

Expiration Date: 05-2025

CAS No.: 12125-02-9

Molecular Formula: (NH<sub>4</sub>)Cl

Molecular Mass: 53.49

## Certificate of Analysis

Test	Specification	Result
Guarantee Analysis	.	.
Assay (NH <sub>4</sub> Cl)	≥ 99.80 %	99.87 %
pH (5% Aqueous Solution)	4.50 - 5.50 %	4.74 %
Identity	Passes test	Passes test
Maximum Limits Of Impurities	.	.
Insoluble Matter	≤ 0.005 %	0.001 %
Residue After Ignition	≤ 0.01 %	≤ 0.01 %
Iron (Fe)	<=0.0002%	<=0.0002%
Sulphate (SO <sub>4</sub> )	<=0.002%	<=0.002%
Nitrate (NO <sub>3</sub> )	<=0.0005%	<=0.0005%
Phosphate (PO <sub>4</sub> )	<=0.0002%	<=0.0002%
Calcium (Ca)	≤ 0.0005 %	0.0003 %
Heavy Metals (As Pb)	≤ 0.0005 %	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %	0.0002 %
Potassium(K)	≤ 0.005 %	0.002 %
Sodium (Na)	≤ 0.005 %	0.003 %

The batch complies with the laid down specification.

Appearance : White crystals or crystalline powder.

Appearance of solution : Passes test

This document has been produced electronically and is valid without signature. For questions on this Certificate of Analysis please contact Technical Services via Phone +91 (22) 41288100 or Email:Info.lab@avantorsciences.com.

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