

FINISHED GOODS SPECIFICATION

Department: Quality Control	Location: All Units	Specification No.	LC/AU/QC/FGS/A013/04
Specification: AMMONIUM CHLORIDE AR			Product Code: A013
Issue date	25/08/2025	Effective date	28/08/2025
Version No.:	04	Supersedes	24/08/2023

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PRODUCT DETAILS

1	Molecular Formula	NH ₄ Cl
2	Product code	A013
3	Molecular weight	53.49
4	CAS No	12125-02-9
5	Risk Statement No	H302 - H319
6	Safety Statement No	P305 + P351 + P338
7	UN No.	--



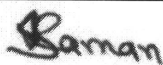
PACKING DETAILS

	Product code	Pack size
1	A01310	500 g

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystalline powder
2	Clarity	10% solution in water is clear and colourless
3	Assay	Not less than 99.5%
4	pH (5% aqueous solution)	Between 4.5 and 5.5
5	Residue on ignition	Not more than 0.005%
6	Water insoluble matter	Not more than 0.001%
7	Iodide (I)	Not more than 0.001%
8	Nitrate (NO ₃)	Not more than 0.00005%
9	Phosphate (PO ₄)	Not more than 0.0003%
10	Sulphate (SO ₄)	Not more than 0.002%
11	Pyridine & homologues	Not more than 0.001%
12	Arsenic (As)	Not more than 0.00005%
13	Calcium (Ca)	Not more than 0.0005%
14	Copper (Cu)	Not more than 0.0002%

SL. No.	TEST PARAMETERS	LIMITS
15	Iron (Fe)	Not more than 0.0002%
16	Lead (Pb)	Not more than 0.0001%

	Prepared by	Checked by	Approved By
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	25/08/2025	25/08/2025	25/08/2025

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Review date	24/08/2028		
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17	Magnesium (Mg)	Not more than 0.002%
18	Potassium (K)	Not more than 0.005%
19	Sodium (Na)	Not more than 0.005%

SAFETY SYMBOLS



Harmful / Irritant

	Prepared by	Checked by	Approved By
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	25/08/2025	25/08/2025	25/08/2025