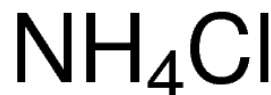


**SPECIFICATION : AMMONIUM CHLORIDE AR**

<b>Issue date</b>	15/05/2018	<b>Review date</b>	14/05/2023	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	00	<b>Supersedes</b>	--	<b>Page No</b>	1 of 2

**PRODUCT DETAILS**

1	Molecular Formula	NH <sub>4</sub> CL
2	Product code	A013
3	Molecular weight	53.49
4	CAS No	12125-02-9
5	Risk Statement No	22-36
6	Safety Statement No	22
7	UN No.	UN3077



**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 <sub>3</sub> )	Not more than 0.00005%
9	Phosphate (PO <sub>4</sub> )	Not more than 0.0003%
10	Sulphate (SO <sub>4</sub> )	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%
15	Iron (Fe)	Not more than 0.0002%
16	Lead (Pb)	Not more than 0.0001%
17	Magnesium (Mg)	Not more than 0.002%
18	Potassium (K)	Not more than 0.005%
19	Sodium (Na)	Not more than 0.005%

**Department: Quality Control**

**Document No: LCPL/QSD/QAD/11**

**SOP No.: DB/SOP/QC/11-A013**

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**Version No.:**

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**Supersedes**

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**SAFETY SYMBOLS**



Harmful / Irritant