

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM BROMIDE AR

CAS No : 12124-97-9

Mol. Formula : NH₄Br

Mol. WT : 97.94

Date of analysis : 27/01/25

Product code : 21450

Batch No : MCAR-01152

Mfd. : Jan. 2025

Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder
2	Assay (after drying)	99.5% w/w min	99.67% w/w
3	pH (5% aq.soln)	4.5 – 6.0	5.50
4	Insoluble matter	0.003% max	0.002%
5	Loss on drying(at 100°C)	0.1 % max	0.08%
6	Non-volatile matter	0.01 % max	0.008%
7	Bromate (BrO₃)	0.002% max	< 0.002%
8	Chloride (Cl)	0.2% max	< 0.2%
9	Iodide (I)	0.005 % max	<0.005 %
10	Sulphate (SO₄)	0.005 % max	<0.005 %
11	Iron (Fe)	0.0005 % max	<0.0005 %
12	Heavy metals (Pb)	0.0005 % max	<0.0005 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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