



CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM SULPHATE AR

CAS No : 7783-20-2
Mol. Formula : $(\text{NH}_4)_2\text{SO}_4$
Mol. WT : 132.14
Date of analysis : 21/05/20

Product code : 21780
Batch No : MCRT-21306
Mfd. : May 2020
Exp. : April 2025

S. R	Test	Specification	Observation
1	Description	A white crystalline powder or colourless crystals	White crystalline powder.
2	Assay (after drying)	99.5% min	99.6%
3	Insoluble matter	0.001% max	0.0006%
4	Loss on drying at 100°C	0.1% max	0.09%
5	pH (5% aq.solution)	5.0 - 6.5	5.5
6	Non volatile matter	0.01% max	0.007%
7	Chloride (Cl)	0.0003% max	< 0.0003%
8	Nitrate (NO ₃)	0.001% max	< 0.001%
9	Phosphate (PO ₄)	0.0005% max	< 0.0005%
10	Arsenic (As)	0.00002% max	< 0.00002%
11	Calcium (Ca)	0.001% max	< 0.001%
12	Copper (Cu)	0.0002% max	<0.0002%
13	Iron (Fe)	0.0002% max	< 0.0002%
14	Lead (Pb)	0.0002% max	< 0.0002%
15	Magnesium(Mg)	0.0005% max	< 0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.