

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ALUMINIUM SULPHATE 16 HYDRATE AR

CAS No	: 7784-31-8	Product code	: 21410
Mol. Formula	: $\text{Al}_2(\text{SO}_4)_3 \cdot 16\text{H}_2\text{O}$	Batch No	: MCAR-00786
Mol. WT	: 630.38	Mfd.	: Nov. 2024
Date of analysis	: 06/11/24	Exp.	: Oct. 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White powder .
2	Assay	99.0%w/w min	99.68% w/w
3	pH (2%w/v aq. solution)	2.5 – 4.0	2.93
4	Water insoluble matter	0.005% max	0.003%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Ammonium (NH ₄)	0.01% max	< 0.01%
7	Copper (Cu)	0.001% max	< 0.001%
8	Iron (Fe)	0.005% max	< 0.005%
9	Lead (Pb)	0.002% max	< 0.002%
10	Potassium (K)	0.005% max	< 0.005%
11	Sodium (Na)	0.05% max	< 0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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