

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM SULPHATE AR**

CAS No	: 7778-80-5	Product code	: 25160
Mol. Formula	: K <sub>2</sub> SO <sub>4</sub>	Batch No	: MCAR-01590
Mol. WT	: 174.27	Mfd.	: May 2025
Date of analysis	: 14/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystals or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.0% min.	99.89%
3	<b>pH (5% aq. solution)</b>	5.5 – 7.5	6.45
4	<b>Water insoluble matter</b>	0.01% max	0.006%
5	<b>Chloride (Cl)</b>	0.0005% max	<0.0005%
6	<b>Total Nitrogen (N)</b>	0.0005% max	<0.0005%
7	<b>Lead (Pb)</b>	0.0005% max	<0.0005%
8	<b>Arsenic (As)</b>	0.0002% max	<0.0002%
9	<b>Calcium (Ca)</b>	0.005% max	<0.005%
10	<b>Iron (Fe)</b>	0.005% max	<0.005%
11	<b>Magnesium (Mg)</b>	0.002% max	<0.002%
12	<b>Sodium (Na)</b>	0.02% max	<0.02%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shruti)**



**[QC Incharge]**



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

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