

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM SULPHATE ANHYDROUS AR**

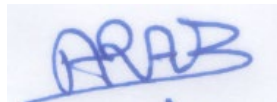
**CAS No : 7757-82-6**  
**Mol. Formula : Na<sub>2</sub>SO<sub>4</sub>**  
**Mol. WT : 142.04**  
**Date of analysis : 21/08/24**

**Product code : 26100**  
**Batch No : MCAR-00508**  
**Mfd. : Aug. 2024**  
**Exp. : July 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or crystalline powder.	White crystalline powder.
2	<b>Assay (ex SO<sub>4</sub>,after drying)</b>	99.5% w/w min	99.57% w/w
3	<b>pH (5% aq. solution)</b>	5 - 8	6.36
4	<b>Water insoluble matter</b>	0.005% max	0.003%
5	<b>Chloride (Cl)</b>	0.001% max	< 0.001%
6	<b>Phosphate (PO<sub>4</sub>)</b>	0.002% max	< 0.002%
7	<b>Nitrogen compounds (N)</b>	0.001% max	< 0.001%
8	<b>Lead (Pb)</b>	0.0002% max	< 0.0002%
9	<b>Calcium (Ca)</b>	0.01% max	< 0.01%
10	<b>Iron (Fe)</b>	0.0002% max	< 0.0002%
11	<b>Potassium (K)</b>	0.01% max	< 0.01%
12	<b>Magnesium(Mg)</b>	0.001% max	< 0.001%
13	<b>Loss on drying (300<sup>o</sup>c)</b>	0.5% max	0.47%

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

**[Tested By]**



**CHEMIST  
(Akash)**

**[QC Incharge]**



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

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