



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM CARBONATE ANHYDROUS AR**

**CAS No : 584-08-7**  
**Mol. Formula : K<sub>2</sub>CO<sub>3</sub>**  
**Mol. WT : 138.21**  
**Date of analysis : 09/05/24**

**Product code : 24820**  
**Batch No : MCRT-28501-01**  
**Mfd. : May 2024**  
**Exp. : April 2029**

S.R	Test	Specification	Observation
1	Description	A hygroscopic white crystalline powder or powder / granules.	A hygroscopic white powder.
2	Assay (after drying at 300°)	99.9% min.	99.90%
3	Insoluble matter	0.005% max	0.003%
4	Loss on drying at 300°C	2.0% max	0.28%
5	Chloride (Cl)	0.002% max	< 0.002%
6	Nitrate (NO <sub>3</sub> )	0.002% max	< 0.002%
7	Phosphate (PO <sub>4</sub> )	0.0005% max	< 0.0005%
8	Sulphate (SO <sub>4</sub> )	0.003% max	< 0.003%
9	Calcium (Ca)	0.002 % max	< 0.002 %
10	Copper (Cu)	0.0005% max	< 0.0005%
11	Iron (Fe)	0.0005% max	< 0.0005%
12	Lead (Pb)	0.0005% max	< 0.0005%
13	Magnesium (Mg)	0.002% max	< 0.002%
14	Sodium (Na)	0.08% max	< 0.08%
15	Silicate (SiO <sub>2</sub> )	0.0025% max	< 0.0025%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

**Note:** Computer generated image requires no sign.

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