

CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM CARBONATE ANHYDROUS AR

CAS No : 584-08-7
Mol. Formula : K₂CO₃
Mol. WT : 138.21
Date of analysis : 21/08/24

Product code : 24820
Batch No : MCAR-00504
Mfd. : Aug. 2024
Exp. : July 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.	99.95%
3	Insoluble matter	0.005% max	0.002%
4	Loss on drying at 300°C	2.0% max	0.60%
5	Chloride (Cl)	0.002% max	< 0.002%
6	Nitrate (NO₃)	0.002% max	< 0.002%
7	Phosphate (PO₄)	0.0005% max	< 0.0005%
8	Sulphate (SO₄)	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 (SiO₂)	0.0025% max	< 0.0025%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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