



## CERTIFICATE OF ANALYSIS

Product Name : POTASSIUM CARBONATE ANHYDROUS 99% Extra Pure  
Lot No. : L419842206 Analyzed On : 16-Jun-2022  
Mol. Formula : K<sub>2</sub>CO<sub>3</sub> Mol. Weight : 138.21  
Code No. : 05335 CAS No. : 584-08-7  
Mfg. Date : Jun-2022 Exp. Date : May-2027  
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	A hygroscopic white crystalline powder or granules	A hygroscopic white granules
2	Assay (acidimetric)	Min 99%	99.62%
3	Insoluble matter in water	Max 0.02%	<0.02%
4	Loss on drying (at 300°C)	Max 3%	0.02%
5	Chloride (Cl)	Max 0.01%	0.0015%
6	Phosphate (PO <sub>4</sub> )	Max 0.005%	0.00098%
7	Sulphate (SO <sub>4</sub> )	Max 0.05%	<0.05%
8	Calcium (Ca)	Max 0.01%	0.00011%
9	Iron (Fe)	Max 0.01%	0.000085%
10	Magnesium (Mg)	Max 0.01%	0.000017%

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Massiullah  
Chemist

Shashikant Gaikwad  
QC Manager

### LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

05/26.10.2021