

CERTIFICATE OF ANALYSIS

SampleCOA Name : POTASSIUM BICARBONATE 99.5% Extra Pure
Confirms to BP

Lot No. : Sample COA Analyzed On : 31-Jul-2024

Mol. Formula : KHCO₃ Mol. Weight : 100.12

Code No. : 05327 CAS No. : 298-14-6

Mfg. Date : Jul-2024 Exp. Date : Jun-2029

HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (acidimetric)	99.5 - 101%	100.33%
3	Carbonate	The pH of freshly prepared 5% solution is not greater than 8.6	8.25
4	Chloride (Cl)	Max 0.015%	0.001%
5	Sulphate (SO ₄)	Max 0.01%	0.0014%
6	Arsenic (As)	Max 0.0002%	< 0.0002%
7	Heavy metal (as Pb)	Max 0.0005%	0.000020%
8	Calcium (Ca)	Max 0.005%	0.0019%
9	Iron (Fe)	Max 0.001%	0.00030%
10	Copper (Cu)	Max 0.0005%	0.00015%
11	Sodium (Na)	Max 0.5%	0.25%
12	Zinc (Zn)	Max 0.0025%	0.00016%
13	Loss on drying (over silica gel)	Max 0.3%	0.039%

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



Manohar shelar
Chemist



Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com