



Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)

Telefax : 91-265-2841531,2841532,2841534,2841535

Email: salesindia@qualikems.com ,www.qualikems.com

CERTIFICATE OF ANALYSIS

Name of Product	: Potassium Bicarbonate	CAS No.	: 298-14-6
Molecular Formula	: KHCO_3	Molecular Weight	: 100.12 g/mole
Batch No.	: QF2509171	Grade	: LR
Mfg. Date	: September-2025	Retest Date	: August-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White crystalline powder	Complies
2	Minimum assay(by acidimetric)	Min 99.5 – 101 %	99.78 %
3	pH(1%, Solution in water)	8.0-8.6	8.20
Maximum Limits of Impurities:			
4	Carbonate(as K_2CO_3)	Passes Test	Passes
5	Chloride(Cl)	0.015 %	<0.015 %
6	Sulphate(SO_4)	0.01%	<0.01 %
7	Arsenic(As)	0.0002%	<0.0002 %
8	Heavy metals(as Pb)	0.0005%	0.0004 %
9	Calcium(Ca)	0.005%	0.003%
10	Iron(Fe)	0.001%	<0.001 %
11	Copper(Cu)	0.0005%	0.0004 %
12	Sodium(Na)	0.5 %	0.3 %
13	Zinc(Zn)	0.0025%	0.0014 %
14	Loss on drying(silica gel)	0.3%	0.1 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA

Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476

