Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	**:**	Potassium carbonate	**CAS No.**	**:**	584-08-7
Molecular Formula	**:**	K_2CO_3	**Molecular Weight**	**:**	138.21 g/mole
Batch No.	**:**	QF2501170	**Grade**	**:**	LR
Mfg. Date	**:**	January-2025	**Retest Date**	**:**	December-2029

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline powder	Complies
2	Minimum assay (by acidimetric)	Min 99 %	99.63 %
	Maximum Limits of Impurities:		
3	Alkali hydroxides and alkali hydrogen carbonates	To Passes Test	Passes Test
4	Chlorate (ClO3)	To Passes Test	Passes Test
5	Cyanide (CN)	To Passes Test	Passes Test
6	Formate (HCOO)	To Passes Test	Passes Test
7	Phosphate and silicate (as SiO2)	0.005%	0.002 %
8	Total Sulphur (as SO4)	0.004 %	0.003 %
9	Total Nitrogen(N)	0.002 %	0.001 %
10	Heavy metals (as Pb)	0.001%	0.0004 %
11	Arsenic (As)	0.0002 %	0.0001 %
12	Calcium (Ca)	0.005%	0.004 %
13	Iron (Fe)	0.002%	<0.002 %
14	Magnesium (Mg)	0.005%	0.003 %
15	Sodium (Na)	0.1 %	0.04 %

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