



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: tri-Potassium Citrate	CAS No.	: 6100-05-6
Molecular Formula	: $K_3C_6H_5K_3O_7 \cdot H_2O$	Molecular Weight	: 324.41 g/mole
Batch No.	: QF2608074	Grade	: LR
Mfg. Date	: August-2026	Retest Date	: July-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline solid	Complies
2	Assay (HClO ₄ titration)	Min.99 %	99.62 %
3	pH(5% water)	8.0-9.5	8.5
	Maximum limits of impurities:#		
4	Chloride(Cl)	0.005%	<0.005 %
5	Oxalate(C ₂ O ₄)	0.03 %	0.01 %
6	Sulphate(SO ₄)	0.01 %	<0.01 %
7	Heavy metals(as Pb)	0.001%	0.0004 %
8	Arsenic(As)	0.0003%	<0.0003 %
9	Lead(Pb)	0.001%	0.0001 %
10	Sodium(Na)	0.1 %	0.05 %
11	Zinc(Zn)	0.002%	0.001 %
12	Reaction against sulphuric acid	To passes test	Complies
13	Water	4-6 %	5.1 %

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.

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