Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Di-Sodium Tartarate	**CAS No.**	:	6106-24-7
Molecular Formula	:	$(CHOH.COONa)_2.2H_2O$	**Molecular Weight**	:	230.08 g/mole
Batch No.	:	QF2610197	**Grade**	:	AR
Mfg. Date	:	October-2026	**Retest. Date**	:	September-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	White crystalline Powder	Complies
2	Assay (by HClO4 Titration)	99.0 – 101.0 %	99.61 %
3	Identity (IR)	To Passes Test	Passes Test
4	Optical rotation (C=10%,H_2O)	+ 25.0 ° to + 27.0 °C	+ 26.1 °C
5	pH (5 % Solution in water,25°C)	7.0 – 9.0	8.14
6	Loss on Drying (150 °C to constant weight)	15.61 – 15.71 %	15.69 %
	Maximum limits of impurities:#		
7	Insoluble matter (10 % in water)	0.005 %	0.002 %
8	Chloride(Cl)	0.0005%	<0.0005%
9	Iron(Fe)	0.001%	<0.001%
10	Heavy metals (as Pb)	0.0005 %	0.0003 %
11	Ammonium (NH4)	0.003 %	< 0.003 %
12	Sulphate(SO_4)	0.005%	<0.005%
13	Phosphate(PO_4)	0.0005 %	< 0.0005 %

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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