

Certificate of Analysis

Calcium Ascorbate

CAS No.	5743-28-2	Code	BIOJCA001
Batch No	B24096003	Manufacture Date	Sep.10, 2024
Expiry Date	Sep.09, 2027	Quantity	25Kgs

Testing Items	Specifications	Results
Appearance	White to slightly yellow crystalline powder	White crystalline powder
Identification	Positive	Complies
Assay (as $C_{12}H_{14}CaO_{12} \cdot 2H_2O$)	$\geq 98.0\%$	99.5%
Specific optical rotation	$+95 \sim +97^\circ$	$+95.56^\circ$
pH(10%, W/V)	6.8~7.4	7.16
Loss on drying	$\leq 0.1\%$	0.04%
Arsenic (as As)	$\leq 0.0003\%$	$< 0.0003\%$
Fluoride	$\leq 0.001\%$	$< 0.001\%$
Heavy metals (as Pb)	$\leq 0.001\%$	$< 0.001\%$
Mercury	$\leq 0.0001\%$	$< 0.0001\%$
Lead	$\leq 0.0002\%$	$< 0.0002\%$
Oxalate	Pass	Pass
Conclusion	This product conforms to USP standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**