

Certificate of Analysis

Item	Specification	Results
Appearance	Fine, white Crystalline Powder	Complies
Purity	98-102%	100.3%
Particle Size	60 mesh	Complies
Optical Rotation	+50.0° - +54.0°	+52.2°
Residue on Ignition	27.44-30.34%	27.42%
Loss on Drying	≤ 1.0%	0.083%
PH	3.5-5.0	4.0
Chloride	< 14%	Complies
Iron	≤ 10ppm	≤ 10ppm
Heavy Metals	≤ 10ppm	< 10ppm
Pb	< 1ppm	< 1ppm
Hg	< 0.1ppm	< 0.1ppm
As	< 1ppm	< 1ppm
Cd	< 1ppm	< 1ppm
Microbial Limits		
Total Plate Count (TPC)	< 1000cfu/g	1000cfu/g Max.
Moulds	< 100cfu/g	100cfu/g Max.
E. Coli	Negative	Negative
Salmonella	Negative	Negative

Analysis methods according to USP29

None GMO, None irradiation, None BSE/TSE

Sterilized by OZONE