

CERTIFICATE OF ANALYSIS

Sr.no	Tests	OBSERVATION	I.P /U.S.P Limits
1	Description	A white crystalline odourless powder. It melts at 140°C with decomposition	White to Pale yellow Crystalline Odourless powder. It melts at 140°C with decomposition
2	Solubility	Complies	Very soluble in water & moderately in alcohol
3	Identification	Complies	As per U.S.P
4	PH	5.88	4.5 to 6.0
5	Loss on Drying	0.43%	NMT 0.75% at 60°C in Vacuo for 3 Hrs.
6	Residue on Ignition / Sulphated Ash	0.07%	0.1%
7	Chromalography Purity / Related Sub.	Complies	As per U.S.P
8	Organic Volatile Imp	Complies	As per U.S.P
9	Assay by HPLC	99.11%	NLT 97.5% NMT 102.0% of Cl ₃ H ₂₁ N ₄ O ₃ S.HCl
10	C.O.S	0.087 A	
11	Back Density	0.55 gm / cc	