

CERTIFICATE OF ANALYSIS .

Sr No	Sample Test	Results
1.	Description	White odourless powder
2.	Solubility	As per U.S.P requirements
3.	Identification	Test passes
4.	Specific Rotation in a 8% w/v solution in 6N Hydrochloric Acid & calculated on dried basis	+20.75° (Limit : +20.4 to +21.4°)
5.	Loss on drying at 105oC for 3 hours.	0.1788% (Limit : max.0.4%)
6.	Residue on Ignition	0.0297% (Limit : max.0.1%)
7.	Chloride Content	19.281% (Limit : 19.0% to 19.6%)
8.	Sulphate	Test Passes
9.	Iron	Complies, Less than 0.003%
10.	Arsenic	Complies, Less than 1.5 p.p.m
11.	Heavy Metals	Complies, Less than 0.0015%
12.	Organic volatile impurities Chloroform Benzene 1,4-dioxane Methyl chloride Trichloroethylene	Test Passes (BLC) Complies, less then 50 parts per million Complies, less then 100 parts per million Complies, less then 100 parts per million Complies, less then 500 parts per million Complies, less then 100 parts per million
13.	Content of L-Lysine Hydrochloride C ₆ H ₁₄ N ₂ O ₂ HCL calculated on dried basis	99.517% (Limit : 98.5% to 101.5%)