

CERTIFICATE OF ANALYSIS

Name of Product: Rc Trypsin (Liquid)			
Batch No.	B5DS00323	Storage condition	-20°C
A.R.No	QC/FP/018/23	Date of Release	24-11-2023
Mfg. Date	11-2023	STP Number	STP005-00
Exp. Date	04-2025	Page No.	1 of 1

No.	Test	Specification	Results
1	Description	Clear, colorless, odorless liquid	Complies
2	pH	2.0 - 3.0	2.4
3	Protein content by UV 280 method	NLT 60 mg/ml	68.72 mg/ml
4	Specific activity	NLT 3800 USP Units/mg of protein	4831 USP Units/mg of protein
5	Purity by RP-HPLC	A. NLT 70% for the peak area of β - trypsin B. NMT 20% for the peak area of α - trypsin	A. 76.52% B. 15.01%
6	Microbial Limit test A. Total microbial count (TVAC/TYMC) B. Pathogens <i>Escherichia coli</i> <i>Salmonella sp.</i> <i>Staphylococcus aureus</i> <i>Pseudomonas aeruginosa</i>	TVAC: NMT 100 cfu/ml TYMC: NMT 10 cfu/ml Should be absent Should be absent Should be absent Should be absent	Nil Nil Absent Absent Absent Absent

REMARKS: The Product Complies / ~~Does Not Comply~~ as per specification No. SPEC005-00

	Prepared by	Reviewed by	Approved by
Name	Mansi	P. Sri Lakshmi	Srikanth
Department	Quality Assurance	Quality Assurance	Quality Assurance
Designation	Senior Executive	Assistant Manager	Head Quality
Sign & Date	KM 24-11-2023	Sri 24-11-2023	S 24-11-2023