

CERTIFICATE OF ANALYSIS
Carboxipeptidase B Recombinant
 Exoprotease from *Pichia pastoris*
 For R&D and bio-manufacturing applications

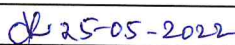
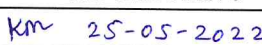
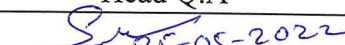
Storage: -20°C

Name of Product: Carboxipeptidase B Recombinant		Cat. No.:	PB-04-01KU
Batch No.	B4DS00122	Revision No:	00
A. R. Number:	QC/FP/007/22	Date of Release	25-05-2022
Mfg. Date	05-2022	STP Number	STP004.00
Expiry Date	04-2023	Page No.	1 of 1

No.	Test	Specification	Results
1	Appearance	Clear, colorless to light yellowish solution	Complies
2	Formulation	33mM Tris/HCL, 0.1mM ZnCl ₂	Complies
3	pH value	7.5-8.5	8.0
4	Activity	≥400 U/ml (with Hippuryl-arginine)	750 U/ml
5	Specific activity	>230 U/ml (with Hippuryl-arginine)	250 U/ml
6	Protein	2.8± 0.5 mg/ml	3.0 mg/ml
7	Purity (RP-HPLC)	≥85%	95.5 %
8	Bio-burden (TAMC/TYMC)	CFU/ml < 5	Absent
9	Trypsin activity	≤0.005% (Chromozyme)	<0.001

- Rat Recombinant Carboxipeptidase B is produced by fermentation in *Pichia pastoris*.
- Manufacturing process uses animal component free raw materials.
- Recombinant Carboxipeptidase B Recombinant is supplied in liquid form with ingredients: 33mM Tris/HCL, 0.1mM ZnCl₂, pH 7.5-8.5
- Carboxipeptidase B Recombinant is a protein product prone to microbial contamination and hence, should always be handled under aseptic conditions.

REMARKS: The Product Complies / ~~Does Not Comply~~ as per specification No. SPEC004.00

	Prepared by	Reviewed by	Approved by
Name	Akanksha	Mansi	Srikanth
Department	Quality Control	Quality Assurance	Quality Assurance
Designation	Executive	Sr. Executive	Head Q.A
Sign & Date	 25-05-2022	 25-05-2022	 25-05-2022