



Certificate of Analysis

Porcine Trypsin

Catalog Number: PT1001
Lot Number: 0719901
CAS Number: 9002-07-7
EC Number: 3.4.21.4
Storage: ≤ -20°C
QC Test Date: October 19, 2018
Retest Date: June 30, 2022

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Activity (USP Trypsin Units)*	≥ 2500U/mg	3126U/mg
Chymotrypsin	Report	6.3U/mg
Limit of Chymotrypsin	≤ 5%	0.202%
Solubility	To pass test	Conforms
Moisture (LOD)	≤ 5.0%	1.0%
Residue after Ignition	≤ 2.5%	0.2%
Microbial Limits Test	To pass test	Conforms

* One USP Trypsin Unit is the activity causing a change in absorbance of 0.003 per minute at 25°C using N-benzoyl-L-arginine ethyl ester hydrochloride as the substrate.

Approved by:

John Grubb

Date: July 22, 2019

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