

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-29 16:54:26
Date of Next Testing:	2028-12-28 16:54:26
Product Name:	Recombinant Trypsin
Lot #:	ZJ25F1230588
SKU #:	R1505825
Version:	1
Analysis #:	026494
Source:	Recombinant
Specifications & Purity:	PharmPure™, ActiBioPure™, GMP, Bioactive, Animal Free, Carrier Free, High performance, EnzymoPure™, Recombinant, β -trypsin $\geq 70\%$, α -trypsin $\leq 20\%$; $\geq 2500\text{U/mg}$ enzyme powder ; $\geq 3800\text{U/mg}$ protein
Concentration:	5035U/mg powder
Formulation:	Lyophilized
Reconstitution:	Reconstitute in 1mM HCl to a concentration of 1-10mg/ml.
Storage Conditions:	Store at 2-8°C
Analysis:	026494

Parameter	Limit Value	Result
Enzyme activity(enzyme powder)	$\geq 2000(\text{U/mg})$	5035.00000 U/mg
Enzyme activity(protein)	$\geq 3800(\text{U/mg})$	5326.10000 U/mg
Appearance(R1505825)	White or off white powder	White or off white powder
Identification	Positive	Positive
Solubility	Clear colorless solution	Clear colorless solution
Purity (RP-HPLC): β -trypsin $\geq 70.0\%$ and α -trypsin $\leq 20.0\%$	Conform	Conform
E. Coli host protein residue $\leq 0.01\%$	Conform	Conform
Host Cell DNA residues $\leq 10.0\text{ng/mg}$	Conform	Conform



Sophia Cheng
Quality Assurance