

ALADDIN SCIENTIFIC CORPORATION

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Specification Sheet

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

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