

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-26 16:24:21
Date of Next Testing:	2027-12-26 16:24:21
Product Name:	α -Chymotrypsin (MS)
Lot #:	ZJ25F1230626
SKU #:	C1455924
Version:	1
Analysis #:	028079
Source:	Native
Specifications & Purity:	Carrier Free, Bioactive, ActiBioPure™, EnzymoPure™, Suitable for Mass Spectrometry (MS), for protein sequencing, Native, ≥ 30 U/mg protein
Concentration:	40u/mg
Formulation:	Lyophilized
Reconstitution:	Reconstitute in Ultrapure water to a concentration of 0.5 mg/mL. Stored at -20°C for 3 months after reconstitution.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	028079

Parameter	Limit Value	Result
Enzyme activity(protein)	≥ 30 (U/mg)	40.00000 U/mg
Appearance(C1455924)	White to off-white powder	White to off-white powder
Purity (HPLC) $\geq 99\%$	Conform	Conform
Specificity >95%	Conform	Conform
MALDI-TOF MS	Conform	Conform



Sophia Cheng
Quality Assurance