

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-24 08:27:00
Date of Next Testing:	2027-12-24 08:27:00
Product Name:	α -Amylase from human saliva
Lot #:	ZJ25F1230513
SKU #:	A755224
Version:	2
Analysis #:	027696
Source:	Native
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Native, $\geq 90\%$ (SDS-PAGE), ≥ 400 U/mg protein
Concentration:	200 U/mg
Formulation:	Lyophilized
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	027696

Parameter	Limit Value	Result
Unit enzyme activity (protein)	≥ 400 (U/mg)	600.00000 U/mg
Enzyme activity (enzyme powder)	> 100 (U/mg)	200.00000 U/mg
Solubility (10 mg/mL saline)	Clear, colorless	Clear, colorless liquid
Purity(SDS-PAGE) $\geq 90\%$	Conform	Conform
Lipase: $< 0.1\%$	Conform	Conform
Protease: $< 0.1\%$	Conform	Conform
Ammonia: < 0.1 micromole/mg	Conform	Conform
Infectious Disease Testing	Negative or non-reactive	Negative or non-reactive
Appearance(A755224)	White to off-white powder	White to off-white powder



Sophia Cheng
Quality Assurance