

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-03-18 14:44:06
Date of Next Testing:	2028-03-17 14:44:06
Product Name:	α -Amylase from human saliva
Lot #:	ZJ26F0333199
SKU #:	A755224
Version:	2
Analysis #:	030048
Source:	Native
Specifications & Purity:	Bioactive, High performance, ActiBioPure™, EnzymoPure™, Native, $\geq 90\%$ (SDS-PAGE), > 100 U/mg enzyme powder; ≥ 400 U/mg protein
Concentration:	200 U/mg
Formulation:	Lyophilized
Reconstitution:	
Storage Conditions:	Store at -20°C , Avoid repeated freezing and thawing
Analysis:	030048

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
Appearance(A755224)	White to off-white powder	White to off-white powder
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



Sophia Cheng
Quality Assurance