

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	α -Amylase from human saliva
SKU #:	A755224
Version:	2
Source:	Native
Specifications & Purity:	Bioactive, High performance, ActiBioPure™, EnzymoPure™, Native, $\geq 90\%$ (SDS-PAGE), >100 U/mg enzyme powder; ≥ 400 U/mg protein
Concentration:	>100 U/mg enzyme powder; ≥ 400 U/mg protein
Formulation:	Lyophilized
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

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