

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Alanine Aminotransferase (ALT/GPT)
SKU #:	A1510295
Version:	1
Source:	Native
Specifications & Purity:	Bioactive, High performance, ActiBioPure™, EnzymePure™, Native, from Porcine Heart; ≥90 U/mg enzyme powder
Concentration:	from Porcine Heart; ≥90 U/mg enzyme powder
Formulation:	Lyophilized
Reconstitution:	Reconstitute in 10 mg/mL saline.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(A1510295)	Yellow to yellow-green powder
Solubility: 1 mg/mL saline	Clear, colorless to yellow-green solution
Enzyme activity(enzyme powder)	≥90(U/mg)
Protein Content (mg protein/mg solid)(A280)	≥0.8(mg/mg)
Protein Content (mg protein/mg solid) (Coomassie)	-
SGOT/AST ≤0.5%	Conform
CPK ≤0.1%	Conform
GLDH ≤0.01%	Conform
LDH ≤0.1%	Conform
Protease ≤0.02 U/mg (< 0.001 O.D./8 min.)	Conform
Ammonia ≤0.5 μmol/mg	Conform
Enzyme activity (protein)(A280)	≥80(U/mg)

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values
Enzyme activity (protein)(Coomassie)	-