

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-28 09:15:48
 Date of Next Testing: 2029-04-27 09:15:48

 Product Name: Aspartate Aminotransferase (AST/GOT)
 Lot #: ZJ26F0434662
 SKU #: A1510294
 Version: 2
 Analysis #: 031513
 Source: Native
 Specifications & Purity: ActiBioPure™, Bioactive, High performance, EnzymoPure™, Native, from Porcine heart; ≥100 U/mg enzyme powder; >110 U/mg protein

 Concentration: 310 U/mg
 Formulation: Lyophilized
 Reconstitution: Reconstitute in Tris buffered saline, 1% BSA, pH 8.0. to a concentration of >1 mg/mL.

 Storage Conditions: Store at -20°C, Avoid repeated freeze-thaw cycles
 Analysis: 031513

Parameter	Limit Value	Result
Protein Content (mg protein/mg solid) (Coomassie)	-	0.62000 mg/mg
Enzyme activity (protein)(A280)	≥110(U/mg)	315.00000 U/mg
Enzyme activity (protein)(Coomassie)	-	501.00000 U/mg
Enzyme activity(enzyme powder)	≥100(U/mg)	310.00000 U/mg
Protein Content (mg protein/mg solid) (A280)	≥0.7(mg/mg)	0.99000 mg/mg
Appearance(A1510294)	Yellow to yellow-green powder	Yellow to yellow-green powder
CPK ≤0.1%	Conform	Conform
GLDH ≤0.1%	Conform	Conform
GPT/ALT ≤0.1%	Conform	Conform
LDH ≤0.1%	Conform	Conform
MDH ≤0.01%	Conform	Conform
Protease ≤0.1% (Equivalent to <0.001 O.D./8 min)	Conform	Conform
Ammonia ≤0.005 μmol/mg (≤ 0.01%)	Conform	Conform



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "Sophia Cheng".

Sophia Cheng
Quality Assurance