

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-21 13:11:38
 Date of Next Testing: 2027-07-21 13:11:38
 Product Name: Cholesterol Esterase (CHE)
 Lot #: ZJ26F0737582
 SKU #: C1492993
 Version: 1
 Analysis #: 038521
 Source: Recombinant
 Specifications & Purity: Bioactive, Recombinant, High performance, ActiBioPure™, EnzymoPure™, 100-250 U/mg enzyme powder; ≥100 U/mg protein
 Concentration: 200 U/mg enzyme powder; 200 U/mg protein
 Formulation: Lyophilized
 Reconstitution: Reconstitute in 10 mM KH₂PO₄-NaOH buffer pH 7.5, containing 0.1%(W/V) BSA.
 Storage Conditions: Store at -20°C, Protected from light, Desiccated, Avoid repeated freeze-thaw cycles
 Analysis: 038521

Parameter	Limit Value	Result
A400nm	≤0.5	0.00200
A500nm	≤0.25	0.00100
A650nm	≤0.125	0.00000
Enzyme activity (protein)	≥100(U/mg)	200.00000 U/mg
Moisture	≤8.5(%)	3.60000 %
Protein content (Lowry method)	-	100.00000 %
Enzyme activity (enzyme powder)	100-250(U/mg)	200.00000 U/mg
Solubility: 150U/mL in buffer	Clear	Clear
Catalase ≤1.0% (U/U)	Conform	Conform
Appearance(C1492993)	White to pale brownish lyophilized powder	White to pale brownish lyophilized powder



Sophia Cheng
Quality Assurance