

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-14 15:53:33
Date of Next Testing:	2028-05-13 15:53:33
Product Name:	S-Adenosylmethionine synthetase (MAT)
Lot #:	ZJ26F0535391
SKU #:	S1433377
Version:	1
Analysis #:	033403
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, ≥90%(SDS-PAGE), ≥300 U/mg enzyme powder
Concentration:	333 U/mg enzyme powder; 700 U/mg protein
Formulation:	Lyophilized
Reconstitution:	After reconstitution, if MAT is to be stored long-term at 4 °C, add glycerol to a final concentration of 30%, 1 mM Mg ²⁺ , and a preservative. If it is to be used shortly after reconstitution, only 1 mM Mg ²⁺ needs to be added.
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	033403

Parameter	Limit Value	Result
Molecular Weight	39-47(kD)	43.00000 kD
Enzyme activity (enzyme powder)	≥300(U/mg)	333.00000 U/mg
Enzyme activity (protein)	-	700.00000 U/mg
Appearance(S1433377)	White lyophilized powder	White lyophilized powder
Purity (SDS-PAGE) ≥90%	Conform	Conform



Sophia Cheng
Quality Assurance