

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-11-11 13:42:48
Date of Next Testing:	2026-11-11 13:42:48
Product Name:	<b>S-(5'-Adenosyl)-L-homocysteine</b>
CAS Number:	979-92-0
Specifications & Purity:	Moligand™, ≥98%
Lot #:	B23111005
SKU #	<b>S139501</b>
Version	<b>2</b>
Analysis #:	<b>434153</b>
Storage Temperature:	Protected from light, Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	4.90 %
Purity(HPLC)	98-100 (%)	99.30000 %
EmM(257 - 261 nm,H <sub>2</sub> O)	13.8-15.8	13.80
Specific rotation [α] <sub>20</sub> /D(C=0.5g/100ml,in 0.5mol/L HCl)	36-42 (°)	36.30000 °
Appearance (S139501)	White to white with yellow cast powder	White to white with yellow cast powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless to Faint Yellow, Clear to Hazy, 20 mg/ml	pass	Pass
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager