

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-11 13:39:13
 Date of Next Testing: 2026-11-11 13:39:13
 Product Name: **S-(5'-Adenosyl)-L-homocysteine**
 CAS Number: 979-92-0
 Specifications & Purity: Moligand™, ≥98%
 Lot #: B23111015
 SKU #: **S139501**
 Version: **2**
 Analysis #: **434150**
 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,H2O)	13.8-15.8	13.80
Specific rotation $[\alpha]_{20/D}(C=0.5g/100ml, \text{in } 0.5mol/L \text{ HCl})$	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