

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-28 13:33:08
 Date of Next Testing: 2029-05-27 13:33:08
 Product Name: **Flavin adenine dinucleotide disodium salt hydrate**
 CAS Number: 1891059-93-0
 Specifications & Purity: $\geq 95\%$
 Lot #: E2521339
 SKU #: **F100614**
 Version: **0**
 Analysis #: **518343**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	4.50000 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	-30--25 ($^{\circ}$)	-27.30000 $^{\circ}$
Molar Extinction Coefficient(H_2O , 448.0 to 450.0 nm)	≥ 10000	11293.00000
Purity(HPLC)	95-100 (%)	97.60000 %
Appearance (F100614)	Yellow to Orange Powder	Yellow to Orange Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H_2O , Orange to Red, Clear, 50 mg/mL	pass	Pass



John Su
QA & QC Manager