

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-10 15:12:07

Date of Next Testing: 2029-07-09 15:12:07

Product Name: **Flavin adenine dinucleotide disodium salt hydrate**

CAS Number: 1891059-93-0

Specifications & Purity: $\geq 95\%$

Lot #: F2527352

SKU #: **F100614**

Version: **0**

Analysis #: **530221**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	6.44340 %
Molar Extinction Coefficient(H_2O , 448.0 to 450.0 nm)	≥ 10000	10418.64560
Purity(HPLC)	95-100 (%)	97.84900 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{H}_2\text{O})$	$-30--25 (^{\circ})$	-29.85000°
Appearance (F100614)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility in H_2O , Orange to Red, Clear, 50 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager