

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-19 12:01:06
Date of Next Testing: 2028-07-18 12:01:06
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**
CAS Number: 1891059-93-0
Specifications & Purity: 95%
Lot #: G2415149
SKU #: **F100614**
Version: **0**
Analysis #: **374890**
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Molar Extinction Coefficient(H ₂ O,448.0 to 450.0 nm)	≥10000	10465.78
Purity(HPLC)	95-100 (%)	98.13800 %
Water by Karl Fischer	0-10 (%)	10.00 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--25 (°)	-30.00 °
Appearance (F100614)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility in H ₂ O , Orange to Red,Clear,50 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager