

Certificate of Analysis

Date of Testing: 2022-09-19 09:05:16
Date of Next Testing: 2026-09-18 09:05:16
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**
CAS Number: 1891059-93-0
Specifications & Purity: 95%
Lot #: I2208518
SKU #: **F100614**
Analysis: 119445
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	7.28 %
Molar Extinction Coefficient(H ₂ O, 448.0 to 450.0 nm)	≥10000	10100.50
Purity(HPLC)	95-100 (%)	97.17900 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-30--25 (°)	-29.90 °
Appearance (F100614)	Yellow to Orange Powder	Yellow to Orange Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Orange to Red, Clear, 50 mg/mL	pass	Pass



John Su
QA & QC Manager