

## Certificate of Analysis

Date of Testing: 2025-07-10 14:44:23  
Date of Next Testing: 2029-07-09 14:44:23  
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**  
CAS Number: 1891059-93-0  
Specifications & Purity:  $\geq 95\%$   
Lot #: F2527360  
SKU #: **F100614**  
Version: **0**  
Analysis #: **530221**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	6.44 %
Molar Extinction Coefficient(H <sub>2</sub> O, 448.0 to 450.0 nm)	$\geq 10000$	10418.65
Purity(HPLC)	95-100 (%)	97.84900 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	-30--25 (°)	-29.85 °
Appearance (F100614)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility in H <sub>2</sub> O , Orange to Red, Clear, 50 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager