

## Certificate of Analysis

Date of Testing: 2024-08-22 15:08:41  
Date of Next Testing: 2028-08-21 15:08:41  
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**  
CAS Number: 84366-81-4  
Specifications & Purity: for cell culture, >95%  
Lot #: H2414498  
SKU #: **F100990**  
Version: **0**  
Analysis #: **389734**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
EmM Anhydrous(pH 7.0, $\lambda$ Max: 375 to 377 nm)	8.5-9.5	9.09
Water by Karl Fischer	0-10 (%)	5.21%
EmM Anhydrous(pH 7.0, $\lambda$ Max: 448 to 450 nm)	10.5-11.8	11.09
Purity(HPLC)	95-100 (%)	95.12800%
Appearance (F100990)	Yellow to Orange Powder	Yellow to Orange Powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager