

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-23 11:57:57  
Date of Next Testing: 2026-11-22 11:57:57  
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**  
CAS Number: 84366-81-4  
Specifications & Purity: for cell culture, >95%  
Lot #: K2211476  
SKU #: **F100990**  
**Analysis: 126722**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	1.96 %
Purity(HPLC)	95-100 (%)	96.96300 %
EmM Anhydrous(pH 7.0, $\lambda$ Max: 375 to 377 nm)	8.5-9.5	9.45
EmM Anhydrous(pH 7.0, $\lambda$ Max: 448 to 450 nm)	10.5-11.8	11.73
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