

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-13 10:53:22
Date of Next Testing: 2027-07-12 10:53:22
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**
CAS Number: 84366-81-4
Specifications & Purity: for cell culture, >95%
Lot #: F2330701
SKU #: **F100990**
Analysis: 183222
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
EmM Anhydrous(pH 7.0, λ Max: 375 to 377 nm)	8.5-9.5	8.56
EmM Anhydrous(pH 7.0, λ Max: 448 to 450 nm)	10.5-11.8	10.67
Purity(HPLC)	95-100 (%)	96.71700%
Water by Karl Fischer	0-10 (%)	5.19%
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