

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-25 10:20:35
Date of Next Testing: 2027-09-24 10:20:35
Product Name: **Flavin adenine dinucleotide disodium salt hydrate**
CAS Number: 84366-81-4
Specifications & Purity: for cell culture, >95%
Lot #: I2320558
SKU #: **F100990**
Analysis: 274073
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 | 9.44 |
| Water by Karl Fischer | 0-10 (%) | 1.98 % |
| EmM Anhydrous(pH 7.0, λ Max: 448 to 450 nm) | 10.5-11.8 | 11.72 |
| Purity(HPLC) | 95-100 (%) | 96.73000 % |
| Appearance (F100990) | Yellow to Orange Powder | Yellow to Orange Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Cell Culture Test | pass | Pass |



John Su
QA & QC Manager