

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-03 14:30:24
 Date of Next Testing: 2027-06-23 14:30:24
 Product Name: **Coenzyme II reduced tetrasodium salt**
 CAS Number: 2646-71-1
 Specifications & Purity: $\geq 95\%$
 Lot #: F2528035
 SKU #: **C103029**
 Version: **2**
 Analysis #: **209305**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.58300 %
abs-ratio(a/b)(E340/E260, pH10.0)	0.41-0.44	0.42500
Sodium(by ICP)	8-12 (%)	8.64000 %
Water by Karl Fischer	0-12 (%)	1.45390 %
Appearance (C103029)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Molar extinction coefficient(pH10.0、 260 nm)	≥ 12900	≥ 12900
Molar extinction coefficient2	≥ 5400 (pH10.0、 340 nm)	≥ 5400 (pH10.0、 340 nm)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.01 N NaOH	Very Faint Green-Yellow to Yellow,Clear,50 mg/mL	Very Faint Green-Yellow to Yellow,Clear,50 mg/mL



John Su
QA & QC Manager