

Certificate of Analysis

Date of Testing: 2023-10-18 10:44:05

Date of Next Testing: 2025-10-07 10:44:05

Product Name: **Coenzyme II reduced tetrasodium salt**

CAS Number: 2646-71-1

Specifications & Purity: $\geq 95\%$

Lot #: J2316019

SKU #: **C103029**

Version: **1**

Analysis #: **083690**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
abs-ratio(a/b)(E340/E260, pH10.0)	0.41-0.44	0.41
Water by Karl Fischer	0-12 (%)	4.62 %
Purity(HPLC)	95-100 (%)	96.31900 %
Sodium(by ICP)	8-12 (%)	9.26 %
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