

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-11 09:36:49
Date of Next Testing: 2025-05-11 09:36:49
Product Name: **Coenzyme A hydrate (free acid)**
CAS Number: 85-61-0(anhydrous)
Specifications & Purity: $\geq 85\%$ (HPLC)
Lot #: D2429123
SKU #: **C130754**
Analysis: **342950**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|--|--|
| Purity(HPLC) | 85-100 (%) | 89.98700 % |
| Water by Karl Fischer(5 mol/mol) | 0-10.5 (%) | 9.87 % |
| Purity by UV(anhydrous) | 85-100 (%) | 89.99 % |
| Appearance (C130754) | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , 50 mg/mL, H ₂ O | Colorless to Faint Yellow Clear pass | Pass |



John Su
QA & QC Manager