

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-07 16:46:59  
Date of Next Testing: 2024-08-06 16:46:59  
Product Name: **Coenzyme A hydrate (free acid)**  
CAS Number: 85-61-0(anhydrous)  
Specifications & Purity:  $\geq 85\%$  (HPLC)  
Lot #: G2327134  
SKU #: **C130754**  
**Analysis:** **245050**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	92.03700 %
Water by Karl Fischer(5 mol/mol)	0-10.5 (%)	7.09 %
Purity by UV(anhydrous)	85-100 (%)	85.20 %
Appearance (C130754)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear	pass	Pass
,50 mg/mL, H <sub>2</sub> O		
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager