

## Certificate of Analysis

Date of Testing: 2023-04-06 12:16:19  
Date of Next Testing: 2024-04-05 12:16:19  
Product Name: **Coenzyme A hydrate (free acid)**  
CAS Number: 85-61-0(anhydrous)  
Specifications & Purity:  $\geq 85\%$  (HPLC)  
Lot #: C2324633  
SKU #: **C130754**  
**Analysis: 193463**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Water by Karl Fischer(5 mol/mol)	0-10.5 (%)	10.41 %
Purity(HPLC)	85-100 (%)	99.19000 %
Purity by UV(anhydrous)	85-100 (%)	85.02 %
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 <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager