

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 00644
Lot Number 000547-031814-00644
Product **Coenzyme A hydrate**

CoA

CAS Number 85-61-0
Molecular Formula $C_{21}H_{36}N_7O_{16}P_3S$

Molecular Weight 767.5

Appearance Creamy white powder
TLC System Principal Rf: 0.61 with traces of Oxidized and dephospho CoA.
AMP,ADP,ATP: None detected
Assay 94% (Phosphotransacetylase)
Purity by HPLC Coenzyme A (Reduced) = 93%,
Coenzyme A (Oxidized) = 2.1%,
Dephospho Coenzyme A = 2.8%,
Moisture = 2.1%
Purity by UV From observed $A_m = 96%$ (ABS 257nm in 0.01mol/L HCl,
pH 2 = 14,600, Spectrophotometry)
Storage Store at ≤ -4 °C
Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager