

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	01883
<b>Lot Number</b>	000547-15051
<b>Product</b>	<b>Decanoyl coenzyme A monohydrate</b> Capryl coenzyme A
<b>CAS Number</b>	1264-57-9
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>54</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
<b>Molecular Weight</b>	939.8

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**Appearance** White powder

**UV Ratios**  $\lambda_{\text{max}}$  at 260 nm, pH 7  $15.3 \times 10^3$   
 $A_{232}/A_{260} = 0.52$   
 $A_{250}/A_{260} = 0.86$   
 $A_{280}/A_{260} = 0.18$


**Storage** Store at < -15 °C

**Additional Information** Paper chromatography: Isobutyric Acid-Sodium Isobutyrate, pH: 4.3.  
Add 577 ml Isobutyric acid to 350 ml water and adjust the pH to 4.3  
with concentrated NaOH. Dilute to 1 liter, mix and use. Principal R<sub>f</sub>: 0.9

**Country of Origin** USA

**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**