

Certificate of Analysis

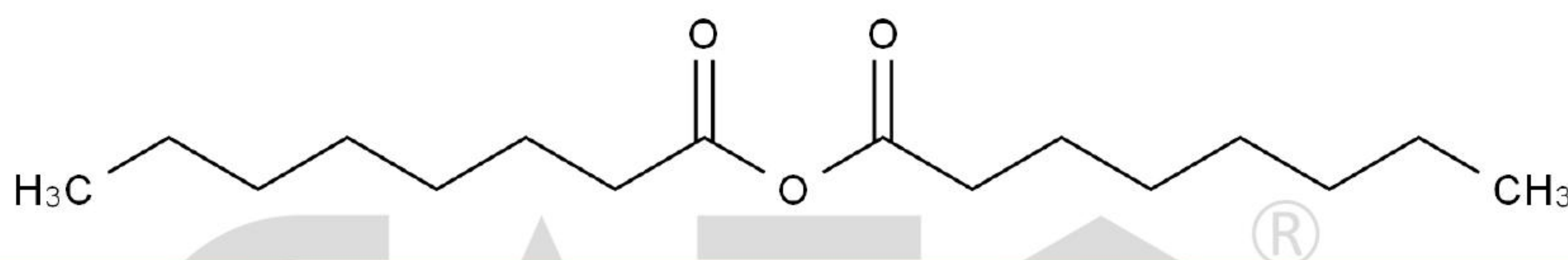
Reference Material & Standard

Product Name:	n-Octanoic Anhydride	Catalogue Number:	CCHM703598
Synonyms:	N/A	Lot Number:	0511-RC-0014
CAS Number:	623-66-5	Expiry Date:	May 20, 2025
Molecular Formula:	C ₁₆ H ₃₀ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	270.41	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	HNMR	Confirmed
Loss on Drying	TGA	0.2522%
Assay	qNMR	99.7%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative 1H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Debia

Approved by General Manager:

David

Date: May 21, 2021

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