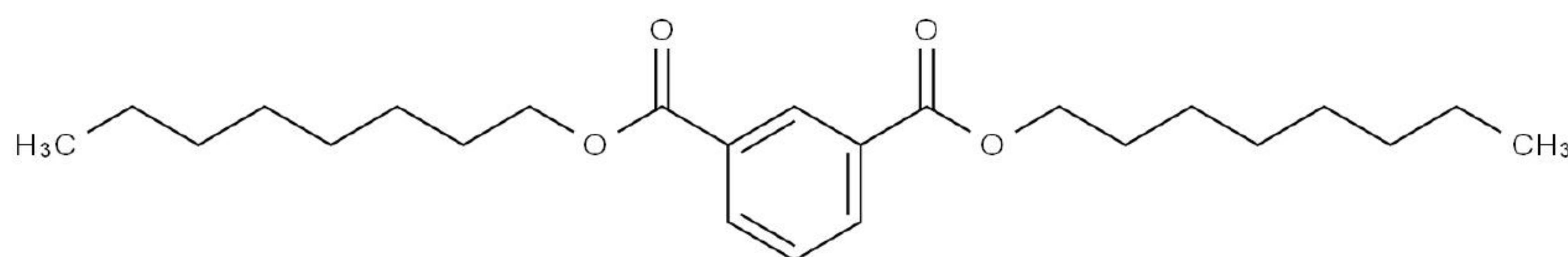


Certificate of Analysis

Reference Material

Product Name:	Isophthalic Acid, Bis-n-Octyl Ester	Catalogue Number:	CCEM500594
Chemical Name:	N/A	Lot Number:	0425-RD-0010
CAS Number:	4654-18-6	Expiry Date:	Sep 26, 2025
Molecular Formula:	C ₂₄ H ₃₈ O ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	390.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Purity	GC	97.02%
Water Content	Karl Fischer	0.2267%
Assay		96.8%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula:

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$

Water Content is considered as absolute effect, GC purity is considered as relative effect.
3. 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:

Xenia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Sep 26, 2019

Date: Apr 29, 2022

Date: Apr 29, 2022

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