



CERTIFICATE OF ANALYSIS

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1. Identification

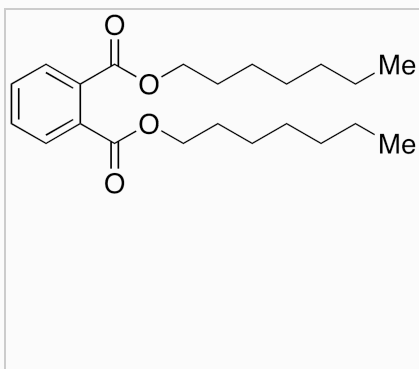
Catalogue Number: D446495

CAS Number: 3648-21-3

Product: Di-n-heptyl Phthalate

Synonym: 1,2-Benzenedicarboxylic Acid Diheptyl Ester; Phthalic Acid Diheptyl Ester; Bis-heptylphthalate; Di-n-heptyl Phthalate; Diheptyl Phthalate; Heptyl Phthalate; Sansocizer DHP

Structure:



Molecular Formula:

C₂₂H₃₄O₄

Molecular weight:

362.5

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-JYS-109-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.52, %H: 9.51
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.53%

Additional Information:

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 9 : 1; Visualized with UV and KMnO₄; Single Spot, R_f = 0.50. Elemental Analysis: (Theoretical) %C: 72.89, %H: 9.45

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Eric Beaton	My Nguyen	9/25/2019	9/23/2026