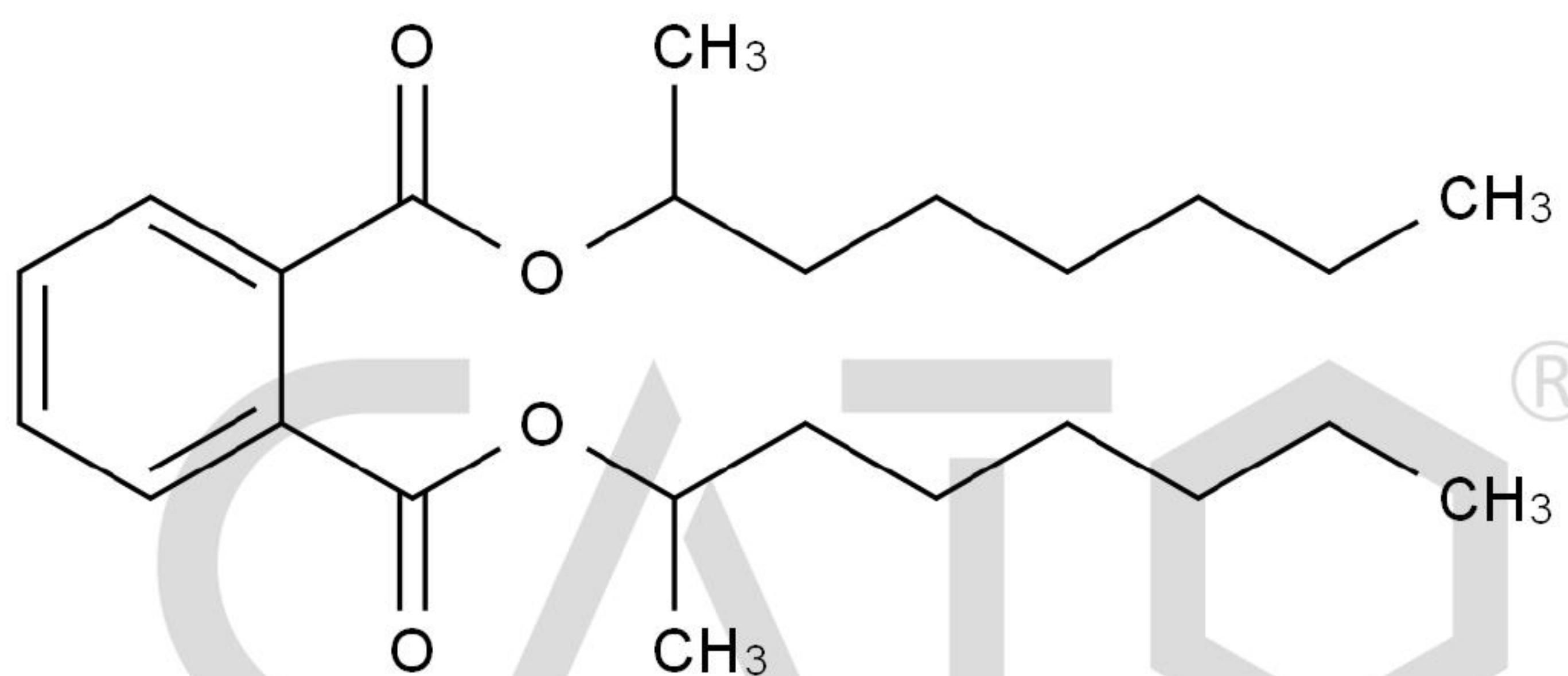


Certificate of Analysis

Reference Material & Standard

Product Name:	Disecoctyl Phthalate	Catalogue Number:	CPAE111827
Synonyms:	N/A	Lot Number:	0529-RH-0041
CAS Number:	131-15-7	Expiry Date:	May 28, 2030
Molecular Formula:	C ₂₄ H ₃₈ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	390.56	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.094%
Loss on Drying	TGA	0.0813%
Assay		99.0%
Uncertainty		±0.3%

Comment:

- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity GC (\%)} / 100\%$$

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.
- 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:

Nice

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 29, 2026

Date: May 29, 2026

Date: May 29, 2026



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