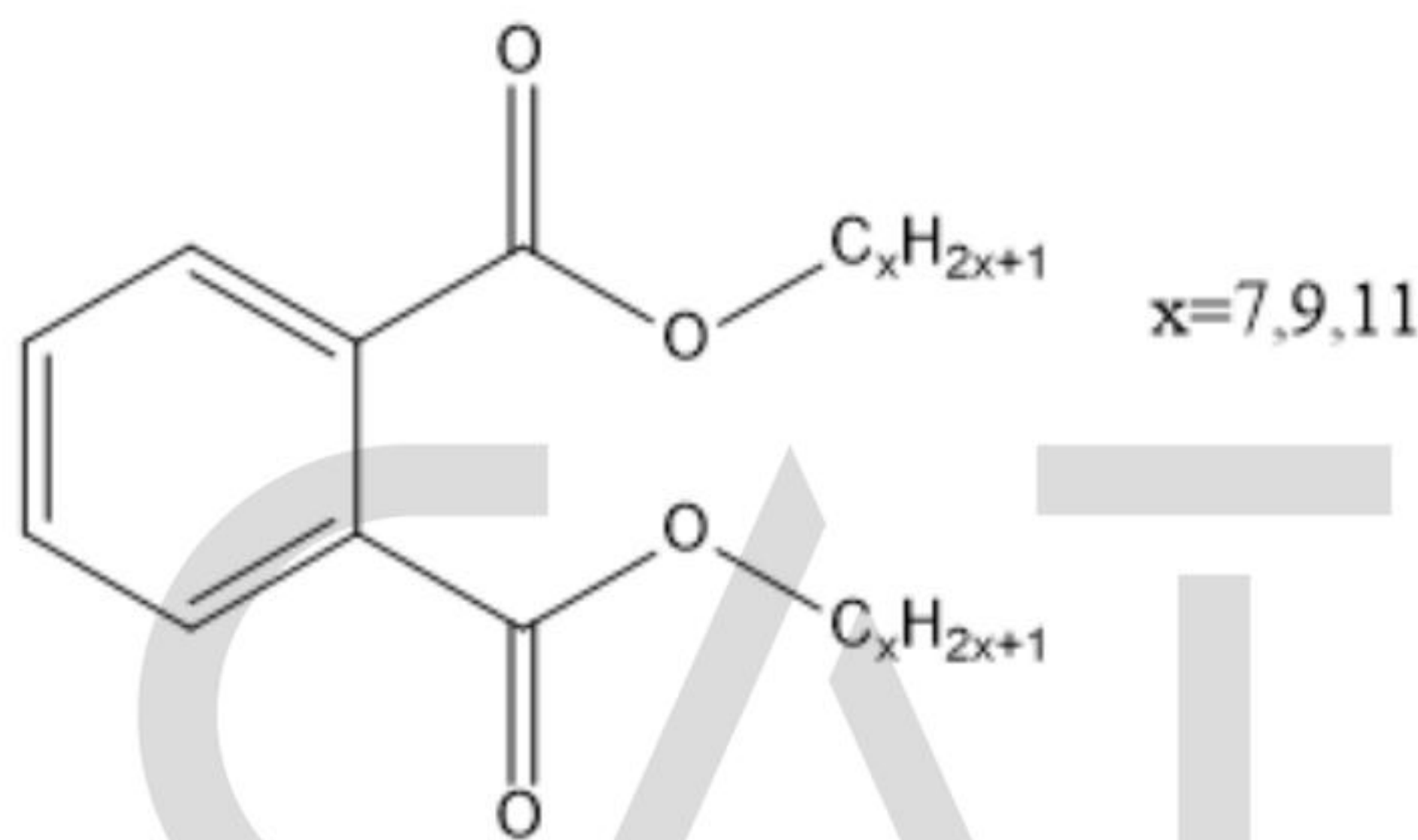


Certificate of Analysis

Reference Material & Standard

Product Name:	Di-(heptyl/nonyl/undecyl)-phthalate	Catalogue Number:	CPAE111847
Synonyms:	N/A	Lot Number:	0925-RB-0019
CAS Number:	68515-42-4	Expiry Date:	Oct 23, 2028
Molecular Formula:	$C_8H_4O_4 + 2(C_xH_{2x+1})$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	N/A	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	NMR	98.0%
Uncertainty		±2.0%

Comment:

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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 20, 2026

Date: Sep 20, 2026

Date: Sep 20, 2026



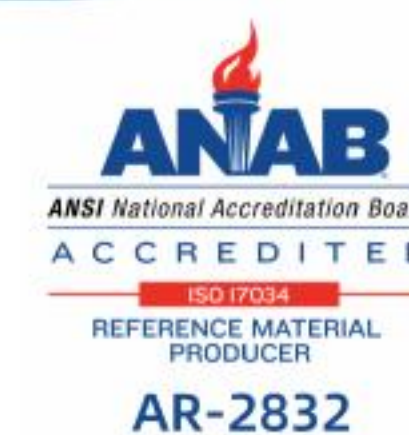
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Page 1 of 4



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