

Certificate of Analysis

Reference Material & Standard

Product Name:	Phthalate Mix 10	Catalogue Number:	MPAE111872-HE
Appearance:	Colourless Liquid	Lot Number:	0624-RF-0032
Solvent:	Hexane	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	May 06, 2026		
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Phthalic Acid, Bis-Butyl Ester	84-74-2	1000.1	2
2	Diamyl Phthalate	131-18-0	1000.7	2
3	Diisononyl Phthalate	28553-12-0	5000.6	1
4	Phthalic Acid, Bis-Isodecyl Ester	26761-40-0	5000.1	1
5	Benzyl butyl phthalate	85-68-7	1000.5	2
6	Bis(2-ethylhexyl) phthalate	117-81-7	1000.2	2
7	Bis(2-methoxyethyl) Phthalate	117-82-8	1000.9	2
8	Phthalic acid, bis-C6-C8-branched alkyl esters C7-rich	71888-89-6	5001.1	1
9	Phthalic Acid, Bis-Iso-Butyl Ester	84-69-5	1000.6	2
10	Di-N-Octyl Phthalate	117-84-0	1000.5	2

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 25, 2024

Date: Jun 25, 2024

Date: Jun 25, 2024

