

Certificate of Analysis

Reference Material & Standard

Product Name:	Phthalate-Mix 8	Catalogue Number:	MPAE111708-TO
Appearance:	Colourless Liquid	Lot Number:	0827-RF-0101
Solvent:	Toluene	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Jun 26, 2027	Shipping Condition:	Shipping at Room Temperature
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Phthalic Acid, Bis-Isononyl Ester	68515-48-0	4955.0	5.0
2	Phthalic Acid, Bis-Butyl Ester	84-74-2	1036.5	5.1
3	Dihexyl Phthalate	84-75-3	996.0	5.3
4	Phthalic Acid, Bis-Isodecyl Ester	26761-40-0	5024.0	5.3
5	Benzyl butyl phthalate	85-68-7	961.0	5.1
6	Bis(2-ethylhexyl) phthalate	117-81-7	989.5	5.0
7	Phthalic Acid, Bis-Iso-Butyl Ester	84-69-5	1042.5	5.1
8	Di-N-Octyl Phthalate	117-84-0	994.5	5.0

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Mar 06, 2026

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