

Certificate of Analysis

Reference Material & Standard

Product Name:	Phthalate Mix 19	Catalogue Number:	MCHM706099
Appearance:	Colourless Liquid	Lot Number:	0409-RH-0078
Solvent:	Hexane	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Nov 05, 2030	Shipping Condition:	Shipping at Room Temperature
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Phthalic Acid, Bis-Butyl Ester	84-74-2	250	3
2	Diamyl Phthalate	131-18-0	500	3
3	Bis(4-Methyl-2-Pentyl)Phthalate	84-63-9	500	3
4	Diethyl Phthalate	84-75-3	500	3
5	Dimethyl phthalate	131-11-3	500	3
6	Diisononyl Phthalate	28553-12-0	5000	1
7	Phthalic Acid, Bis-Isodecyl Ester	26761-40-0	5000	1
8	Benzyl butyl phthalate	85-68-7	500	3
9	Bis(2-ethoxyethyl) Phthalate	605-54-9	500	3
10	Bis(2-ethylhexyl) phthalate	117-81-7	500	3
11	Diethyl phthalate	84-66-2	500	3
12	Bis(2-methoxyethyl) Phthalate	117-82-8	500	3
13	Dicyclohexyl Phthalate	84-61-7	500	3
14	Phthalic Acid, Bis-Iso-Butyl Ester	84-69-5	500	3
15	Phthalic Acid Bis(2-butoxyethyl) Ester	117-83-9	500	3
16	Di-N-Octyl Phthalate	117-84-0	500	3
17	Diphenyl phthalate	84-62-8	500	3
18	Dinonyl Phthalate(Mixtures of isomers)	84-76-4	500	3
19	Diallyl phthalate	131-17-9	500	3

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:

Jim

Approved by General Manager:

David

Date: Apr 10, 2026

Date: Apr 13, 2026

Date: Apr 13, 2026



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