

Certificate of Analysis

Reference Material & Standard

Product Name:	PBDES-Mix 10	Catalogue Number:	MCEM591452
Appearance:	Colourless Liquid	Lot Number:	0515-RH-0113
Solvent:	Toluene	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Apr 14, 2030		

Shipping Condition: Shipping at Room Temperature

Chemical Structure:

Warning:



N/A

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	PBDE 203	337513-72-1	100	3
2	PBDE 209	1163-19-5	100	3
3	Bis(4-Bromophenyl) Ether	2050-47-7	100	3
4	2,2',4,4',5,6'-Hexabromodiphenyl Ether	207122-15-4	100	3
5	Pbde 3	101-55-3	100	3
6	2,2',3,3',4,4',5,5',6-Nonabromodiphenyl Ether	63387-28-0	100	3
7	2,2',4,4',6-Pentabromodiphenyl Ether	189084-64-8	100	3
8	3,3',4-Tribromodiphenyl ether	147217-80-9	100	3
9	3,3',4,4'-TETRABROMODIPHENYL ETHER	93703-48-1	100	3
10	2,2',3,4,4',5,6-Heptabromodiphenyl Ether	189084-67-1	100	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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 15, 2026

Date: May 18, 2026

Date: May 18, 2026



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