

Certificate of Analysis

Reference Material & Standard

Product Name:	PBBS-Mix 10	Catalogue Number:	LCEM100017-TI
Appearance:	Colourless Liquid	Lot Number:	0814-RF-0023
Solvent:	Toluene:Isooctane=40:60	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Aug 08, 2029		
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	4-Bromobiphenyl	92-66-0	101.1	3
2	Decabromobiphenyl	13654-09-6	100.8	3
3	2,2',3,3',4,4',5,5',6-Nonabromobiphenyl	69278-62-2	100.4	3
4	PBB 180	67733-52-2	100.6	3
5	4,4'-Dibromobiphenyl	92-86-4	100.2	3
6	PBB No. 52	59080-37-4	100.9	3
7	PBB 153	59080-40-9	100.1	3
8	2,2',3,3',4,4',5,5'-Octabromobiphenyl	67889-00-3	100.7	3
9	PBB No. 103	59080-39-6	100.1	3
10	Pbb-No. 18	59080-34-1	101.2	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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 15, 2024

Date: Aug 16, 2024

Date: Aug 16, 2024

