

EO-5104

Brominated Diphenyl Ether Calibration Solution
[CS1-CS6]6 x 0.2 mL
in Nonane

All concentrations are in ng/mL

Unlabeled BDEs	BDE#	CS1	CS2	CS3	CS4	CS5	CS6
2-MonoBDE	1	0.2	1	5	25	100	500
3-MonoBDE	2	0.2	1	5	25	100	500
4-MonoBDE	3	0.2	1	5	25	100	500
2,4-DiBDE	7	0.2	1	5	25	100	500
2,4'-DiBDE	8	0.2	1	5	25	100	500
2,6-DiBDE	10	0.2	1	5	25	100	500
3,3'-DiBDE	11	0.2	1	5	25	100	500
3,4-DiBDE	12	0.2	1	5	25	100	500
3,4'-DiBDE	13	0.2	1	5	25	100	500
4,4'-DiBDE	15	0.2	1	5	25	100	500
2,2',4-TriBDE	17	0.2	1	5	25	100	500
2,3',4-TriBDE	25	0.2	1	5	25	100	500
2,4,4'-TriBDE	28	0.2	1	5	25	100	500
2,4,6-TriBDE	30	0.2	1	5	25	100	500
2,4',6-TriBDE	32	0.2	1	5	25	100	500
2',3,4-TriBDE	33	0.2	1	5	25	100	500
3,3',4-TriBDE	35	0.2	1	5	25	100	500
3,4,4'-TriBDE	37	0.2	1	5	25	100	500
2,2',4,4'-TetraBDE	47	0.2	1	5	25	100	500
2,2',4,5'-TetraBDE	49	0.2	1	5	25	100	500
2,3',4,4'-TetraBDE	66	0.2	1	5	25	100	500
2,3',4',6-TetraBDE	71	0.2	1	5	25	100	500
2,4,4',6-TetraBDE	75	0.2	1	5	25	100	500
3,3',4,4'-TetraBDE	77	0.2	1	5	25	100	500
2,2',3,4,4'-PentaBDE	85	0.3	1.5	7.5	37.5	150	750
2,2',4,4',5-PentaBDE	99	0.3	1.5	7.5	37.5	150	750
2,2',4,4',6-PentaBDE	100	0.3	1.5	7.5	37.5	150	750
2,3,4,5,6-PentaBDE	116	0.3	1.5	7.5	37.5	150	750
2,3',4,4',5-PentaBDE	118	0.3	1.5	7.5	37.5	150	750
2,3',4,4',6-PentaBDE	119	0.3	1.5	7.5	37.5	150	750
3,3',4,4',5-PentaBDE	126	0.3	1.5	7.5	37.5	150	750
2,2',3,4,4',5'-HexaBDE	138	0.6	3	15	75	300	1500
2,2',4,4',5,5'-HexaBDE	153	0.4	2	10	50	200	1000
2,2',4,4',5,6'-HexaBDE	154	0.4	2	10	50	200	1000
2,2',4,4',6,6'-HexaBDE	155	0.4	2	10	50	200	1000
2,3,4,4',5,6-HexaBDE	166	0.4	2	10	50	200	1000
2,2',3,4,4',5,6-HeptaBDE	181	0.5	2.5	12.5	62.5	250	1250
2,2',3,4,4',5',6-HeptaBDE	183	0.5	2.5	12.5	62.5	250	1250
2,3,3',4,4',5,6-HeptaBDE	190	0.5	2.5	12.5	62.5	250	1250
Labeled BDEs	BDE#	CS1	CS2	CS3	CS4	CS5	CS6
4-MonoBDE (¹³ C ₁₂ ,99%)	3	100	100	100	100	100	100
4,4'-DiBDE (¹³ C ₁₂ ,99%)	15	100	100	100	100	100	100
2,4,4'-TriBDE (¹³ C ₁₂ ,99%)	28	100	100	100	100	100	100
2,2',4,4'-TetraBDE (¹³ C ₁₂ ,99%)	47	100	100	100	100	100	100
3,3',4,4'-TetraBDE (¹³ C ₁₂ ,99%)	77	100	100	100	100	100	100
2,2',4,4',5-PentaBDE (¹³ C ₁₂ ,99%)	99	150	150	150	150	150	150
2,2',4,4',6-PentaBDE (¹³ C ₁₂ ,99%)	100	150	150	150	150	150	150
2,3',4,4',5-PentaBDE (¹³ C ₁₂ ,99%)	118	150	150	150	150	150	150
3,3',4,4',5-PentaBDE (¹³ C ₁₂ ,99%)	126	150	150	150	150	150	150
2,2',4,4',5,5'-HexaBDE (¹³ C ₁₂ ,99%)	153	200	200	200	200	200	200
2,2',3,4,4',5',6-HeptaBDE (¹³ C ₁₂ ,99%)	183	250	250	250	250	250	250