

EC-5518

Comprehensive PCB Calibration Solutions CS1-CS5  
(unlabeled/<sup>13</sup>C<sub>12</sub>, 99%)5 x 0.2 mL  
in Nonane/Isooctane*All concentrations are in ng/mL (ppb)*

Native Toxics/LOC	IUPAC	CS1	CS2	CS3	CS4	CS5
2-MonoCB	1	0.2	1	4	20	100
4-MonoCB	3	0.2	1	4	20	100
2,2'-DiCB	4	0.2	1	4	20	100
2,4'-DiCB	8	0.2	1	4	20	100
2,5-DiCB	9	0.2	1	4	20	100
2,6-DiCB	10	0.2	1	4	20	100
3,3'-DiCB	11	0.2	1	4	20	100
3,4-DiCB	12	0.2	1	4	20	100
4,4'-DiCB	15	0.2	1	4	20	100
2,2',5-TriCB	18	0.1	0.5	2	10	50
2,2',6-TriCB	19	0.1	0.5	2	10	50
2,4,4'-TriCB	28	0.1	0.5	2	10	50
2,4,5-TriCB	31	0.1	0.5	2	10	50
2',3,4-TriCB	33	0.1	0.5	2	10	50
3,3',4-TriCB	35	0.1	0.5	2	10	50
3,4,4'-TriCB	37	0.1	0.5	2	10	50
3,4,5-TriCB	38	0.1	0.5	2	10	50
2,2',3,5'-TetraCB	44	0.1	0.5	2	10	50
2,2',4,5'-TetraCB	49	0.1	0.5	2	10	50
2,2',5,5'-TetraCB	52	0.1	0.5	2	10	50
2,2',6,6'-TetraCB	54	0.1	0.5	2	10	50
2,3,3',5-TetraCB	57	0.1	0.5	2	10	50
2,3',4,4'-TetraCB	66	0.1	0.5	2	10	50
2,3',4,5-TetraCB	70	0.1	0.5	2	10	50
2,4,4',5-TetraCB	74	0.1	0.5	2	10	50
3,3',4,4'-TetraCB	77	0.1	0.5	2	10	50
3,3',4,5-TetraCB	78	0.1	0.5	2	10	50
3,3',4,5'-TetraCB	79	0.1	0.5	2	10	50
3,4,4',5-TetraCB	81	0.1	0.5	2	10	50
2,2',3,4,5'-PentaCB	87	0.1	0.5	2	10	50
2,2',3,5',6-PentaCB	95	0.1	0.5	2	10	50
2,2',4,4',5-PentaCB	99	0.1	0.5	2	10	50
2,2',4,5,5'-PentaCB	101	0.1	0.5	2	10	50
2,2',4,6,6'-PentaCB	104	0.1	0.5	2	10	50
2,3,3',4,4'-PentaCB	105	0.1	0.5	2	10	50

2,3,3',4',6-PentaCB	110	0.1	0.5	2	10	50
2,3,3',5,5'-PentaCB	111	0.1	0.5	2	10	50
2,3,4,4',5-PentaCB	114	0.1	0.5	2	10	50
2,3',4,4',5-PentaCB	118	0.1	0.5	2	10	50
2',3,4,4',5-PentaCB	123	0.1	0.5	2	10	50
3,3',4,4',5-PentaCB	126	0.1	0.5	2	10	50
2,2',3,4,4',5'-HexaCB	138	0.1	0.5	2	10	50
2,2',3,4',5',6-HexaCB	149	0.1	0.5	2	10	50
2,2',4,4',5,5'-HexaCB	153	0.1	0.5	2	10	50
2,2',4,4',6,6'-HexaCB	155	0.1	0.5	2	10	50
2,3,3',4,4',5-HexaCB	156	0.1	0.5	2	10	50
2,3,3',4,4',5'-HexaCB	157	0.1	0.5	2	10	50
2,3,3',4',5,5'-HexaCB	162	0.1	0.5	2	10	50
2,3',4,4',5,5'-HexaCB	167	0.1	0.5	2	10	50
3,3',4,4',5,5'-HexaCB	169	0.1	0.5	2	10	50
2,2',3,3',4,4',5-HeptaCB	170	0.1	0.5	2	10	50
2,2',3,3',4,5,6'-HeptaCB	174	0.1	0.5	2	10	50
2,2',3,3',5,5',6-HeptaCB	178	0.1	0.5	2	10	50
2,2',3,4,4',5,5'-HeptaCB	180	0.1	0.5	2	10	50
2,2',3,4',5,5',6-HeptaCB	187	0.1	0.5	2	10	50
2,2',3,4',5,6,6'-HeptaCB	188	0.1	0.5	2	10	50
2,3,3',4,4',5,5'-HeptaCB	189	0.1	0.5	2	10	50
2,2',3,3',4,4',5,5'-OctaCB	194	0.1	0.5	2	10	50
2,2',3,3',4,4',5,6-OctaCB	195	0.1	0.5	2	10	50
2,2',3,3',4,5,6,6'-OctaCB	200	0.1	0.5	2	10	50
2,2',3,3',5,5',6,6'-OctaCB	202	0.1	0.5	2	10	50
2,2',3,4,4',5,5',6-OctaCB	203	0.1	0.5	2	10	50
2,3,3',4,4',5,5',6-OctaCB	205	0.1	0.5	2	10	50
2,2',3,3',4,4',5,5',6-NonaCB	206	0.1	0.5	2	10	50
2,2',3,3',4,5,5',6,6'-NonaCB	208	0.1	0.5	2	10	50
DecaCB	209	0.1	0.5	2	10	50

All concentrations are in ng/mL (ppb)

Labeled Toxics/LOC/Window Defining	IUPAC					
2-MonoCB ( <sup>13</sup> C <sub>12</sub> , 99%)	1L	10	10	10	10	10
4-MonoCB ( <sup>13</sup> C <sub>12</sub> , 99%)	3L	10	10	10	10	10
2,2'-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	4L	10	10	10	10	10
4,4'-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	15L	10	10	10	10	10
2,2',6-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	19L	10	10	10	10	10
3,4,4'-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	37L	10	10	10	10	10
2,2',6,6'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	54L	10	10	10	10	10
3,3',4,4'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	77L	10	10	10	10	10
3,4,4',5-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	81L	10	10	10	10	10
2,2',4,6,6'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	104L	10	10	10	10	10
2,3,3',4,4'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	105L	10	10	10	10	10
2,3,4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	114L	10	10	10	10	10
2,3',4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	118L	10	10	10	10	10
2',3,4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	123L	10	10	10	10	10
3,3',4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	126L	10	10	10	10	10
2,2',4,4',6,6'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	155L	10	10	10	10	10
2,3,3',4,4',5-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	156L	10	10	10	10	10
2,3,3',4,4',5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	157L	10	10	10	10	10
2,3',4,4',5,5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	167L	10	10	10	10	10
3,3',4,4',5,5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	169L	10	10	10	10	10
2,2',3,4',5,6,6'-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	188L	10	10	10	10	10
2,3,3',4,4',5,5'-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	189L	10	10	10	10	10
2,2',3,3',5,5',6,6'-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	202L	10	10	10	10	10
2,3,3',4,4',5,5',6-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	205L	10	10	10	10	10
2,2',3,3',4,4',5,5',6-NonaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	206L	10	10	10	10	10
2,2',3,3',4,5,5',6,6'-NonaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	208L	10	10	10	10	10
DecaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	209L	10	10	10	10	10
<b>Labeled Cleanup</b>						
2,4,4'-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	28L	10	10	10	10	10
2,3,3',5,5'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	111L	10	10	10	10	10
2,2',3,3',5,5',6-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	178L	10	10	10	10	10
<b>Labeled Injection Internal</b>						
2,5-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	9L	10	10	10	10	10
2,2',5,5'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	52L	10	10	10	10	10
2,2',4,5,5'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	101L	10	10	10	10	10
2,2',3,4,4',5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	138L	10	10	10	10	10
2,2',3,3',4,4',5,5'-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	194L	10	10	10	10	10