

WHO Coplanar & mono-ortho PCBs & PCB-170/180 Calibration Set

Art. ID CIL-EC-4939
Unit 5 x 0,2 mL
Deliverydetails De Minimis UN1920 III E1

Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
CS1, IUPAC# 77	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	1	ng/mL		
CS1, IUPAC# 81	3,4,4',5-Tetrachlorobip henyl (PCB 81)	[70362-50-4]	1	ng/mL		
CS1, IUPAC# 105	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	1	ng/mL		
CS1, IUPAC# 114	2,3,4,4',5-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	1	ng/mL		
CS1, IUPAC# 118	2,3',4,4',5-Pentachloro biphenyl (PCB 118)	[31508-00-6]	1	ng/mL		
CS1, IUPAC# 123	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	1	ng/mL		
CS1, IUPAC# 126	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	1	ng/mL		
CS1, IUPAC# 156	2,3,3',4,4',5-Hexachlor obiphenyl (PCB 156)	[38380-08-4]	1	ng/mL		
CS1, IUPAC# 157	2,3,3',4,4',5'-Hexachlo robiphenyl (PCB 157)	[69782-90-7]	1	ng/mL		
CS1, IUPAC# 167	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	1	ng/mL		
CS1, IUPAC# 169	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	1	ng/mL		
CS1, IUPAC# 170	2,2',3,3',4,4',5-Heptac hlorobiphenyl (PCB 170)	[35065-30-6]	1	ng/mL		
CS1, IUPAC# 180	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180)	[35065-29-3]	1	ng/mL		
CS1, IUPAC# 189	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (PCB 189)	[39635-31-9]	1	ng/mL		
CS1, IUPAC# 77	3,3',4,4'-Tetrachlorobi	[105600-23-5]	100	ng/mL		

	phenyl (13C12,99%) (IUPAC #77)			
CS1, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC #81)	[208461-24-9]	100	ng/mL
CS1, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	100	ng/mL
CS1, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #114)	[208263-63-2]	100	ng/mL
CS1, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #118)	[104130-40-7]	100	ng/mL
CS1, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #123)	[208263-64-3]	100	ng/mL
CS1, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #126)	[208263-65-4]	100	ng/mL
CS1, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	100	ng/mL
CS1, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	100	ng/mL
CS1, IUPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	100	ng/mL
CS1, IUPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	100	ng/mL
CS1, IUPAC# 170	2,2',3,3',4,4',5-Heptachlorobiphenyl (13C12,99%) (IUPAC #170)	[35065-30-6]/unlabelled	100	ng/mL
CS1, IUPAC# 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #180)	[208263-72-3]	100	ng/mL

CS1, IUPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #189)	[208263-73-4]	100	ng/mL
CS2, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	5	ng/mL
CS2, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	5	ng/mL
CS2, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	5	ng/mL
CS2, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	5	ng/mL
CS2, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	5	ng/mL
CS2, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	[65510-44-3]	5	ng/mL
CS2, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	5	ng/mL
CS2, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	[38380-08-4]	5	ng/mL
CS2, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	[69782-90-7]	5	ng/mL
CS2, IUPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	[52663-72-6]	5	ng/mL
CS2, IUPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	5	ng/mL
CS2, IUPAC# 170	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	[35065-30-6]	5	ng/mL
CS2, IUPAC# 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	[35065-29-3]	5	ng/mL
CS2, IUPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	5	ng/mL
CS2, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #77)	[105600-23-5]	100	ng/mL
CS2, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC #81)	[208461-24-9]	100	ng/mL
CS2, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	100	ng/mL

	biphenyl (13C12,99%) (I UPAC #105)			
CS2, IUPAC# 114	2,3,4,4',5-Pentachlorob iphenyl (13C12,99%) (IU PAC #114)	[208263-63-2]	100	ng/mL
CS2, IUPAC# 118	2,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #118)	[104130-40-7]	100	ng/mL
CS2, IUPAC# 123	2',3,4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #123)	[208263-64-3]	100	ng/mL
CS2, IUPAC# 126	3,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #126)	[208263-65-4]	100	ng/mL
CS2, IUPAC# 156	2,3,3',4,4',5-Hexachlor obiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	100	ng/mL
CS2, IUPAC# 157	2,3,3',4,4',5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	100	ng/mL
CS2, IUPAC# 167	2,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	100	ng/mL
CS2, IUPAC# 169	3,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	100	ng/mL
CS2, IUPAC# 170	2,2',3,3',4,4',5-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #170)	[35065-30-6]/un labelled	100	ng/mL
CS2, IUPAC# 180	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #180)	[208263-72-3]	100	ng/mL
CS2, IUPAC# 189	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #189)	[208263-73-4]	100	ng/mL
CS3, IUPAC# 77	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	25	ng/mL
CS3, IUPAC# 81	3,4,4',5-Tetrachlorobip	[70362-50-4]	25	ng/mL

	henyl (PCB 81)				
CS3, IUPAC# 105	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	25		ng/mL
CS3, IUPAC# 114	2,3,4,4',5-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	25		ng/mL
CS3, IUPAC# 118	2,3',4,4',5-Pentachloro biphenyl (PCB 118)	[31508-00-6]	25		ng/mL
CS3, IUPAC# 123	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	25		ng/mL
CS3, IUPAC# 126	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	25		ng/mL
CS3, IUPAC# 156	2,3,3',4,4',5-Hexachlor obiphenyl (PCB 156)	[38380-08-4]	25		ng/mL
CS3, IUPAC# 157	2,3,3',4,4',5'-Hexachlo robiphenyl (PCB 157)	[69782-90-7]	25		ng/mL
CS3, IUPAC# 167	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	25		ng/mL
CS3, IUPAC# 169	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	25		ng/mL
CS3, IUPAC# 170	2,2',3,3',4,4',5-Heptac hlorobiphenyl (PCB 170)	[35065-30-6]	25		ng/mL
CS3, IUPAC# 180	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180)	[35065-29-3]	25		ng/mL
CS3, IUPAC# 189	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (PCB 189)	[39635-31-9]	25		ng/mL
CS3, IUPAC# 77	3,3',4,4'-Tetrachlorobi phenyl (13C12,99%) (IUP AC #77)	[105600-23-5]	100		ng/mL
CS3, IUPAC# 81	3,4,4',5-Tetrachlorobip henyl (13C12,99%) (IUPA C# 81)	[208461-24-9]	100		ng/mL
CS3, IUPAC# 105	2,3,3',4,4'-Pentachloro biphenyl (13C12,99%) (I UPAC #105)	[208263-62-1]	100		ng/mL
CS3, IUPAC# 114	2,3,4,4',5-Pentachlorob iphenyl (13C12,99%) (IU PAC #114)	[208263-63-2]	100		ng/mL
CS3, IUPAC# 118	2,3',4,4',5-Pentachloro	[104130-40-7]	100		ng/mL

	biphenyl (13C12,99%) (I UPAC #118)			
CS3, IUPAC# 123	2',3,4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #123)	[208263-64-3]	100	ng/mL
CS3, IUPAC# 126	3,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #126)	[208263-65-4]	100	ng/mL
CS3, IUPAC# 156	2,3,3',4,4',5-Hexachloro biphenyl (13C12,99%) (I UPAC #156)	[208263-68-7]	100	ng/mL
CS3, IUPAC# 157	2,3,3',4,4',5'-Hexachloro biphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	100	ng/mL
CS3, IUPAC# 167	2,3',4,4',5,5'-Hexachloro biphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	100	ng/mL
CS3, IUPAC# 169	3,3',4,4',5,5'-Hexachloro biphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	100	ng/mL
CS3, IUPAC# 170	2,2',3,3',4,4',5-Heptachloro biphenyl (13C12,99%) (IUPAC #170)	[35065-30-6]/un labelled	100	ng/mL
CS3, IUPAC# 180	2,2',3,4,4',5,5'-Heptachloro biphenyl (13C12,99%) (IUPAC #180)	[208263-72-3]	100	ng/mL
CS3, IUPAC# 189	2,3,3',4,4',5,5'-Heptachloro biphenyl (13C12,99%) (IUPAC #189)	[208263-73-4]	100	ng/mL
CS4, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	100	ng/mL
CS4, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	100	ng/mL
CS4, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	100	ng/mL
CS4, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	100	ng/mL
CS4, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	100	ng/mL

	biphenyl (PCB 118)			
CS4, IUPAC# 123	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	100	ng/mL
CS4, IUPAC# 126	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	100	ng/mL
CS4, IUPAC# 156	2,3,3',4,4',5-Hexachloro biphenyl (PCB 156)	[38380-08-4]	100	ng/mL
CS4, IUPAC# 157	2,3,3',4,4',5'-Hexachloro biphenyl (PCB 157)	[69782-90-7]	100	ng/mL
CS4, IUPAC# 167	2,3',4,4',5,5'-Hexachloro biphenyl (PCB 167)	[52663-72-6]	100	ng/mL
CS4, IUPAC# 169	3,3',4,4',5,5'-Hexachloro biphenyl (PCB 169)	[32774-16-6]	100	ng/mL
CS4, IUPAC# 170	2,2',3,3',4,4',5-Heptachloro biphenyl (PCB 170)	[35065-30-6]	100	ng/mL
CS4, IUPAC# 180	2,2',3,4,4',5,5'-Heptachloro biphenyl (PCB 180)	[35065-29-3]	100	ng/mL
CS4, IUPAC# 189	2,3,3',4,4',5,5'-Heptachloro biphenyl (PCB 189)	[39635-31-9]	100	ng/mL
CS4, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #77)	[105600-23-5]	100	ng/mL
CS4, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC #81)	[208461-24-9]	100	ng/mL
CS4, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	100	ng/mL
CS4, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #114)	[208263-63-2]	100	ng/mL
CS4, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #118)	[104130-40-7]	100	ng/mL
CS4, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #123)	[208263-64-3]	100	ng/mL
CS4, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #126)	[208263-65-4]	100	ng/mL

	biphenyl (13C12,99%) (IUPAC #126)			
CS4, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	100	ng/mL
CS4, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	100	ng/mL
CS4, IUPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	100	ng/mL
CS4, IUPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	100	ng/mL
CS4, IUPAC# 170	2,2',3,3',4,4',5-Heptachlorobiphenyl (13C12,99%) (IUPAC #170)	[35065-30-6]/unlabelled	100	ng/mL
CS4, IUPAC# 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #180)	[208263-72-3]	100	ng/mL
CS4 IUPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #189)	[208263-73-4]	100	ng/mL
CS5, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	500	ng/mL
CS5, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	500	ng/mL
CS5, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	500	ng/mL
CS5, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	500	ng/mL
CS5, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	500	ng/mL
CS5, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	[65510-44-3]	500	ng/mL
CS5, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	500	ng/mL
CS5, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[38380-08-4]	500	ng/mL

	obiphenyl (PCB 156)			
CS5, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	[69782-90-7]	500	ng/mL
CS5, IUPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	[52663-72-6]	500	ng/mL
CS5, IUPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	500	ng/mL
CS5, IUPAC# 170	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	[35065-30-6]	500	ng/mL
CS5, IUPAC# 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	[35065-29-3]	500	ng/mL
CS5, IUPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	500	ng/mL
CS5, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #77)	[105600-23-5]	100	ng/mL
CS5, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC #81)	[208461-24-9]	100	ng/mL
CS5, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	100	ng/mL
CS5, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #114)	[208263-63-2]	100	ng/mL
CS5, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #118)	[104130-40-7]	100	ng/mL
CS5, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #123)	[208263-64-3]	100	ng/mL
CS5, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #126)	[208263-65-4]	100	ng/mL
CS5, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	100	ng/mL
CS5, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 156)	[235416-30-5]	100	ng/mL

	robiphenyl (13C12,99%) (IUPAC #157)			
CS5, IUPAC# 167	2,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	100	ng/mL
CS5, IUPAC# 169	3,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	100	ng/mL
CS5, IUPAC# 170	2,2',3,3',4,4',5-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #170)	[35065-30-6]/un labelled	100	ng/mL
CS5, IUPAC# 180	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #180)	[208263-72-3]	100	ng/mL
CS5 IUPAC# 189	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #189)	[208263-73-4]	100	ng/mL