

## **EN-1948-4 WHO PCB Calibration Series [CS4]**

Art. ID	CIL-EC-5380-CS4
Unit	0,2 mL
Deliverydetails	De Minimis UN1920 III E1

### Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
CS4, Native Compound, I UPAC# 81	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	50	ng/mL		
CS4, Native Compound, I UPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	50	ng/mL		
CS4, Native Compound, I UPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	50	ng/mL		
CS4, Native Compound, I UPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	50	ng/mL		
CS4, Native Compound, I UPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	50	ng/mL		
CS4, Native Compound, I UPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	50	ng/mL		
CS4, Native Compound, I UPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	300	ng/mL		
CS4, Native Compound, I UPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	[65510-44-3]	50	ng/mL		
CS4, Native Compound, I UPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	[38380-08-4]	50	ng/mL		
CS4, Native Compound, I UPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	[69782-90-7]	50	ng/mL		
CS4, Native Compound, I UPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	[52663-72-6]	50	ng/mL		
CS4, Native Compound, I UPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	50	ng/mL		
CS4, 13C-Labeled Sampling Standard, IUPAC# 60	2,3,4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #60)	[n/a]	10	ng/mL		
CS4, 13C-Labeled Sampling Standard, IUPAC# 127	3,3',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #127)	[n/a]	10	ng/mL		

	UPAC #127)				
CS4, 13C-Labeled Sampli ng Standard, IUPAC# 159	2,3,3',4,5,5'-Hexachlor obiphenyl (13C12,99%) ( IUPAC #159)	[n/a]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 8 1	3,4,4',5-Tetrachlorobip henyl (13C12,99%) (IUPA C# 81)	[208461-24-9]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 7 7	3,3',4,4'-Tetrachlorobi phenyl (13C12,99%) (IUP AC #77)	[105600-23-5]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 26	3,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #126)	[208263-65-4]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 69	3,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 05	2,3,3',4,4'-Pentachloro biphenyl (13C12,99%) (I UPAC #105)	[208263-62-1]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 14	2,3,4,4',5-Pentachlorob iphenyl (13C12,99%) (IU PAC #114)	[208263-63-2]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 18	2,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #118)	[104130-40-7]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 23	2',3,4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #123)	[208263-64-3]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 56	2,3,3',4,4',5-Hexachlor obiphenyl (13C12,99%) ( IUPAC #156)	[208263-68-7]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 57	2,3,3',4,4',5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	10		ng/mL
CS4, 13C-Labeled Extrac tion Standard, IUPAC# 1 67	2,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	10		ng/mL
CS4, 13C-Labeled Extrac	2,3,3',4,4',5,5'-Heptac	[208263-73-4]	10		ng/mL

tion Standard, IUPAC# 1	chlorobiphenyl (13C12,99				
89	%) (IUPAC #189)				
CS4, 13C-Labeled Recove	2,3',4',5-Tetrachlorobi	[208263-81-4]	10		ng/mL
ry Standard, IUPAC# 70	phenyl (13C12,99%) (IUP				
	AC #70)				
CS4, 13C-Labeled Recove	2,3,3',5,5'-Pentachloro	[235416-29-2]	10		ng/mL
ry Standard, IUPAC# 111	biphenyl (13C12,99%) (I				
	UPAC #111)				
CS4, 13C-Labeled Recove	2,2',3,3',4,4',5-Heptac	[35065-30-6]/un	10		ng/mL
ry Standard, IUPAC# 170	chlorobiphenyl (13C12,99	labelled			
	%) (IUPAC #170)				