

## **Modified JIS PCB alternative calibration solution [CS3H]**

Art. ID CIL-EC-5418-CS3H  
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
CS3H, IUPAC# 81	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	5	ng/mL		
CS3H, IUPAC# 77	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	5	ng/mL		
CS3H, IUPAC# 126	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	5	ng/mL		
CS3H, IUPAC# 169	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	5	ng/mL		
CS3H, IUPAC# 123	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	[65510-44-3]	5	ng/mL		
CS3H, IUPAC# 118	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	10	ng/mL		
CS3H, IUPAC# 105	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	10	ng/mL		
CS3H, IUPAC# 114	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	5	ng/mL		
CS3H, IUPAC# 167	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	[52663-72-6]	5	ng/mL		
CS3H, IUPAC# 156	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	[38380-08-4]	10	ng/mL		
CS3H, IUPAC# 157	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	[69782-90-7]	5	ng/mL		
CS3H, IUPAC# 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	5	ng/mL		
CS3H, IUPAC# 81L	3,4,4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC# 81)	[208461-24-9]	10	ng/mL		
CS3H, IUPAC# 77L	3,3',4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC# 77)	[105600-23-5]	10	ng/mL		

AC #77)					
CS3H, IUPAC# 126L	3,3',4,4',5-Pentachloro biphenyl (13C12,99%) (IUPAC #126)	[208263-65-4]	10		ng/mL
CS3H, IUPAC# 169L	3,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	10		ng/mL
CS3H, IUPAC# 123L	2',3,4,4',5-Pentachloro biphenyl (13C12,99%) (IUPAC #123)	[208263-64-3]	10		ng/mL
CS3H, IUPAC# 118L	2,3',4,4',5-Pentachloro biphenyl (13C12,99%) (IUPAC #118)	[104130-40-7]	20		ng/mL
CS3H, IUPAC# 105L	2,3,3',4,4'-Pentachloro biphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	20		ng/mL
CS3H, IUPAC# 114L	2,3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #114)	[208263-63-2]	10		ng/mL
CS3H, IUPAC# 167L	2,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	10		ng/mL
CS3H, IUPAC# 156L	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	20		ng/mL
CS3H, IUPAC# 157L	2,3,3',4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	10		ng/mL
CS3H, IUPAC# 189L	2,3,3',4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #189)	[208263-73-4]	10		ng/mL
CS3H, IUPAC# 170L	2,2',3,3',4,4',5-Heptachlorobiphenyl (13C12,99%) (IUPAC #170)	[35065-30-6]/un	10	labelled	ng/mL
CS3H, IUPAC# 70L	2,3',4',5-Tetrachlorobiphenyl (13C12,99%) (IUPAC #70)	[208263-81-4]	10		ng/mL
CS3H, IUPAC# 111L	2,3,3',5,5'-Pentachloro	[235416-29-2]	10		ng/mL

	biphenyl (13C12,99%) (I UPAC #111)			
CS3H, IUPAC# 138L	2,2',3,4,4',5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #138)	[208263-66-5]	10	ng/mL
CS3H, IUPAC# 79L	3,3',4,5'-Tetrachlorobi phenyl (13C12,99%) (IUP AC #79)	[41464-48-6]/un labelled	10	ng/mL
CS3H, Unlabelled, IUPAC # 81	3,4,4',5'-Tetrachlorobip henyl (PCB 81)	[70362-50-4]	5	ng/mL
CS3H, Unlabelled, IUPAC # 77	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	5	ng/mL
CS3H, Unlabelled, IUPAC # 123	2',3,4,4',5'-Pentachloro biphenyl (PCB 123)	[65510-44-3]	5	ng/mL
CS3H, Unlabelled, IUPAC # 118	2,3',4,4',5'-Pentachloro biphenyl (PCB 118)	[31508-00-6]	10	ng/mL
CS3H, Unlabelled, IUPAC # 114	2,3,4,4',5'-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	5	ng/mL
CS3H, Unlabelled, IUPAC # 105	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	10	ng/mL
CS3H, Unlabelled, IUPAC # 126	3,3',4,4',5'-Pentachloro biphenyl (PCB 126)	[57465-28-8]	5	ng/mL
CS3H, Unlabelled, IUPAC # 167	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	5	ng/mL
CS3H, Unlabelled, IUPAC # 156	2,3,3',4,4',5'-Hexachlor obiphenyl (PCB 156)	[38380-08-4]	10	ng/mL
CS3H, Unlabelled, IUPAC # 157	2,3,3',4,4',5'-Hexachlo robiphenyl (PCB 157)	[69782-90-7]	5	ng/mL
CS3H, Unlabelled, IUPAC # 180	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180)	[35065-29-3]	5	ng/mL
CS3H, Unlabelled, IUPAC # 169	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	5	ng/mL
CS3H, Unlabelled, IUPAC # 170	2,2',3,3',4,4',5'-Heptac hlorobiphenyl (PCB 170)	[35065-30-6]	5	ng/mL
CS3H, Unlabelled, IUPAC # 189	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (PCB 189)	[39635-31-9]	5	ng/mL
CS3H, Extraction, IUPAC # 81	3,4,4',5'-Tetrachlorobip henyl (13C12,99%) (IUPA	[208461-24-9]	10	ng/mL

C# 81)					
CS3H, Extraction, IUPAC # 77	3,3',4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #77)	[105600-23-5]	10		ng/mL
CS3H, Extraction, IUPAC # 123	2',3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #123)	[208263-64-3]	10		ng/mL
CS3H, Extraction, IUPAC # 118	2,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #118)	[104130-40-7]	20		ng/mL
CS3H, Extraction, IUPAC # 114	2,3,4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #114)	[208263-63-2]	10		ng/mL
CS3H, Extraction, IUPAC # 105	2,3,3',4,4'-Pentachlorobiphenyl (13C12,99%) (IUPAC #105)	[208263-62-1]	20		ng/mL
CS3H, Extraction, IUPAC # 126	3,3',4,4',5-Pentachlorobiphenyl (13C12,99%) (IUPAC #126)	[208263-65-4]	10		ng/mL
CS3H, Extraction, IUPAC # 167	2,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #167)	[208263-69-8]	10		ng/mL
CS3H, Extraction, IUPAC # 156	2,3,3',4,4',5-Hexachlorobiphenyl (13C12,99%) (IUPAC #156)	[208263-68-7]	20		ng/mL
CS3H, Extraction, IUPAC # 157	2,3,3',4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #157)	[235416-30-5]	10		ng/mL
CS3H, Extraction, IUPAC # 169	3,3',4,4',5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #169)	[208263-70-1]	10		ng/mL
CS3H, Extraction, IUPAC # 189	2,3,3',4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #189)	[208263-73-4]	10		ng/mL
CS3H, Extraction, IUPAC # 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #180)	[208263-72-3]	10		ng/mL
CS3H, Syringe, IUPAC # 7	2,3',4',5-Tetrachlorobiphenyl	[208263-81-4]	10		ng/mL

	phenyl (13C12,99%) (IUPAC #70)			
CS3H, Syringe, IUPAC# 127	3,3',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #127)	[n/a]	10	ng/mL
CS3H, Syringe, IUPAC# 128	2,2',3,3',4,4'-Hexachlorobiphenyl (13C12,99%) (IUPAC #128)	[38380-07-3]/unlabelled	10	ng/mL
CS3H, Syringe, IUPAC# 170	2,2',3,3',4,4',5-Heptachlorobiphenyl (13C12,99%) (IUPAC #170)	[35065-30-6]/unlabelled	10	ng/mL
CS3H, Sampling, IUPAC# 60	2,3,4,4'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #60)	[n/a]	10	ng/mL
CS3H, Sampling, IUPAC# 111	2,3,3',5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #111)	[235416-29-2]	10	ng/mL
CS3H, Sampling, IUPAC# 159	2,3,3',4,5,5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #159)	[n/a]	10	ng/mL