

NATIVE HCB, PeCBz, PBDES AND PCBS CALIBRATION SET (CS1-CS4) (unlabelled)

Art. ID CIL-ES-5616
Unit 4 x 100 µL
Deliverydetails De Minimis

Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
CS1	Hexachlorobenzene	[118-74-1]	2	ng/mL		
CS1	Pentachlorobenzene	[608-93-5]	2	ng/mL		
CS1	4-Monobromodiphenyl ether (PBDE 3)	[101-55-3]	2	ng/mL		
CS1	2,4-Dibromodiphenyl ether (PBDE 7)	[n/a]	2	ng/mL		
CS1	4,4'-Dibromodiphenyl ether (PBDE 15)	[2050-47-7]	2	ng/mL		
CS1	2,2',4-Tribromodiphenyl ether (PBDE 17)	[147217-75-2]	2	ng/mL		
CS1	2,4,4'-Tribromodiphenyl ether (PBDE 28)	[41318-75-6]	2	ng/mL		
CS1	2,2',4,4'-Tetrabromodiphenyl ether (PBDE 47)	[5436-43-1]	2	ng/mL		
CS1	2,2',4,5'-Tetrabromodiphenyl ether (PBDE 49)	[243982-82-3]	2	ng/mL		
CS1	2,3',4,4'-Tetrabromodiphenyl ether (PBDE 66)	[189084-61-5]	2	ng/mL		
CS1	2,3',4',6-Tetrabromodiphenyl ether (PBDE 71)	[189084-62-6]	2	ng/mL		
CS1	3,3',4,4'-Tetrabromodiphenyl ether (PBDE 77)	[n/a]	2	ng/mL		
CS1	2,2',3,4,4'-Pentabromodiphenyl ether (PBDE 85)	[182346-21-0]	2	ng/mL		
CS1	2,2',4,4',5-Pentabromodiphenyl ether (PBDE 99)	[60348-60-9]	2	ng/mL		
CS1	2,2',4,4',6-Pentabromodiphenyl ether (PBDE 100)	[189084-64-8]	2	ng/mL		

CS1	2,3',4,4',6-Pentabromodiphenyl ether (PBDE 119)	[189084-66-0]	2	ng/mL
CS1	3,3',4,4',5-Pentabromodiphenyl ether (PBDE 126)	[366791-32-4]	2	ng/mL
CS1	2,2',3,4,4',5'-Hexabromodiphenyl ether (PBDE 138)	[182677-30-1]	4	ng/mL
CS1	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	[68631-49-2]	4	ng/mL
CS1	2,2',4,4',5,6'-Hexabromodiphenyl ether (PBDE 154)	[207122-15-4]	4	ng/mL
CS1	2,2',4,4',6,6'-Hexabromodiphenyl ether (PBDE 155)	[35854-94-5]	4	ng/mL
CS1	2,3,4,4',5,6-Hexabromodiphenyl ether (PBDE 166)	[n/a]	4	ng/mL
CS1	2,2',3,4,4',5,6-Heptabromodiphenyl ether (PBDE 181)	[189084-67-1]	4	ng/mL
CS1	2,2',3,4,4',5,6-Heptabromodiphenyl ether (PBDE 183)	[207122-16-5]	4	ng/mL
CS1	2,3,3',4,4',5,6-Heptabromodiphenyl ether (PBDE 190)	[189084-68-2]	4	ng/mL
CS1	2,2',3,4,4',5,5',6-Octabromodiphenyl ether (PBDE 203)	[n/a]	4	ng/mL
CS1	2,3,3',4,4',5,5',6-Octabromodiphenyl ether (PBDE 205)	[n/a]	4	ng/mL
CS1	2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether	[63936-56-1]	10	ng/mL

	(PBDE 206)			
CS1	2,2',3,3',4,4',5,6,6'-N onabromodiphenyl ether (PBDE 207)	[n/a]	10	ng/mL
CS1	Decabromodiphenyl ether (PBDE 209)	[1163-19-5]	10	ng/mL
CS1	2-Monochlorobiphenyl (P CB 1)	[2051-60-7]	2	ng/mL
CS1	4-Monochlorobiphenyl (P CB 3)	[2051-62-9]	2	ng/mL
CS1	2,2'-Dichlorobiphenyl (P PCB 4)	[13029-08-8]	2	ng/mL
CS1	2,4'-Dichlorobiphenyl (P PCB 8)	[34883-43-7]	2	ng/mL
CS1	2,5-Dichlorobiphenyl (P CB 9)	[34883-39-1]	2	ng/mL
CS1	2,6-Dichlorobiphenyl (P CB 10)	[33146-45-1]	2	ng/mL
CS1	3,3'-Dichlorobiphenyl (P PCB 11)	[2050-67-1]	2	ng/mL
CS1	3,4-Dichlorobiphenyl (P CB 12)	[2974-92-7]	2	ng/mL
CS1	4,4'-Dichlorobiphenyl (P PCB 15)	[2050-68-2]	2	ng/mL
CS1	2,2',5-Trichlorobipheny l (PCB 18)	[37680-65-2]	1	ng/mL
CS1	2,2',6-Trichlorobipheny l (PCB 19)	[38444-73-4]	1	ng/mL
CS1	2,4,4'-Trichlorobipheny l (PCB 28)	[7012-37-5]	1	ng/mL
CS1	2,4',5-Trichlorobipheny l (PCB 31)	[16606-02-3]	1	ng/mL
CS1	2',3,4-Trichlorobipheny l (PCB 33)	[38444-86-9]	1	ng/mL
CS1	3,3',4-Trichlorobipheny l (PCB 35)	[37680-69-6]	1	ng/mL
CS1	3,4,4'-Trichlorobipheny l (PCB 37)	[38444-90-5]	1	ng/mL

CS1	3,4,5-Trichlorobiphenyl (PCB 38)	[53555-66-1]	1	ng/mL
CS1	2,2',3,5'-Tetrachlorobi phenyl (PCB 44)	[41464-39-5]	1	ng/mL
CS1	2,2',4,5'-Tetrachlorobi phenyl (PCB 49)	[41464-40-8]	1	ng/mL
CS1	2,2',5,5'-Tetrachlorobi phenyl (PCB 52)	[35693-99-3]	1	ng/mL
CS1	2,2',6,6'-Tetrachlorobi phenyl (PCB 54)	[15968-05-5]	1	ng/mL
CS1	2,3,3',5'-Tetrachlorobip henyl (PCB 57)	[70424-67-8]	1	ng/mL
CS1	2,3',4,4'-Tetrachlorobi phenyl (PCB 66)	[32598-10-0]	1	ng/mL
CS1	2,3',4',5'-Tetrachlorobi phenyl (PCB 70)	[32598-11-1]	1	ng/mL
CS1	2,4,4',5'-Tetrachlorobip henyl (PCB 74)	[32690-93-0]	1	ng/mL
CS1	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	1	ng/mL
CS1	3,3',4,5'-Tetrachlorobip henyl (PCB 78)	[70362-49-1]	1	ng/mL
CS1	3,3',4,5'-Tetrachlorobi phenyl (PCB 79)	[41464-48-6]	1	ng/mL
CS1	3,4,4',5'-Tetrachlorobip henyl (PCB 81)	[70362-50-4]	1	ng/mL
CS1	2,2',3,4,5'-Pentachloro biphenyl (PCB 87)	[38380-02-8]	1	ng/mL
CS1	2,2',3,5',6'-Pentachloro biphenyl (PCB 95)	[38379-99-6]	1	ng/mL
CS1	2,2',4,4',5'-Pentachloro biphenyl (PCB 99)	[38380-01-7]	1	ng/mL
CS1	2,2',4,5,5'-Pentachloro biphenyl (PCB 101)	[37680-73-2]	1	ng/mL
CS1	2,2',4,6,6'-Pentachloro biphenyl (PCB 104)	[56558-16-8]	1	ng/mL
CS1	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	1	ng/mL

CS1	2,3,3',4',6-Pentachloro biphenyl (PCB 110)	[38380-03-9]	1	ng/mL
CS1	2,3,3',5,5'-Pentachloro biphenyl (PCB 111)	[39635-32-0]	1	ng/mL
CS1	2,3,4,4',5-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	1	ng/mL
CS1	2,3',4,4',5-Pentachloro biphenyl (PCB 118)	[31508-00-6]	1	ng/mL
CS1	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	1	ng/mL
CS1	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	1	ng/mL
CS1	2,2',3,4,4',5'-Hexachlo robiphenyl (PCB 138)	[35065-28-2]	1	ng/mL
CS1	2,2',3,4',5',6-Hexachlo robiphenyl (PCB 149)	[38380-04-0]	1	ng/mL
CS1	2,2',4,4',5,5'-Hexachlo robiphenyl (PCB 153)	[35065-27-1]	1	ng/mL
CS1	2,2',4,4',6,6'-Hexachlo robiphenyl (PCB 155)	[33979-03-2]	1	ng/mL
CS1	2,3,3',4,4',5-Hexachlor obiphenyl (PCB 156)	[38380-08-4]	1	ng/mL
CS1	2,3,3',4,4',5'-Hexachlo robiphenyl (PCB 157)	[69782-90-7]	1	ng/mL
CS1	2,3,3',4',5,5'-Hexachlo robiphenyl (PCB 162)	[39635-34-2]	1	ng/mL
CS1	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	1	ng/mL
CS1	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	1	ng/mL
CS1	2,2',3,3',4,4',5-Heptac hlorobiphenyl (PCB 170)	[35065-30-6]	1	ng/mL
CS1	2,2',3,3',4,5,6'-Heptac hlorobiphenyl (PCB 174)	[38411-25-5]	1	ng/mL
CS1	2,2',3,3',5,5',6-Heptac hlorobiphenyl (PCB 178)	[52663-67-9]	1	ng/mL
CS1	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180)	[35065-29-3]	1	ng/mL

CS1	2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	[52663-68-0]	1	ng/mL
CS1	2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	[74487-85-7]	1	ng/mL
CS1	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	1	ng/mL
CS1	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	[35694-08-7]	1	ng/mL
CS1	2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	[52663-78-2]	1	ng/mL
CS1	2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)		1	ng/mL
CS1	2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	[2136-99-4]	1	ng/mL
CS1	2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	[52663-76-0]	1	ng/mL
CS1	2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	[74472-53-0]	1	ng/mL
CS1	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	[40186-72-9]	1	ng/mL
CS1	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	[52663-77-1]	1	ng/mL
CS1	Decachlorobiphenyl (PCB 209)	[2051-24-3]	1	ng/mL
CS2	Hexachlorobenzene	[118-74-1]	20	ng/mL
CS2	Pentachlorobenzene	[608-93-5]	20	ng/mL
CS2	4-Monobromodiphenyl ether (PBDE 3)	[101-55-3]	20	ng/mL
CS2	2,4-Dibromodiphenyl ether (PBDE 7)	[n/a]	20	ng/mL

CS2	4,4'-Dibromodiphenyl ether (PBDE 15)	[2050-47-7]	20	ng/mL
CS2	2,2',4'-Tribromodiphenyl ether (PBDE 17)	[147217-75-2]	20	ng/mL
CS2	2,4,4'-Tribromodiphenyl ether (PBDE 28)	[41318-75-6]	20	ng/mL
CS2	2,2',4,4'-Tetrabromodiphenyl ether (PBDE 47)	[5436-43-1]	20	ng/mL
CS2	2,2',4,5'-Tetrabromodiphenyl ether (PBDE 49)	[243982-82-3]	20	ng/mL
CS2	2,3',4,4'-Tetrabromodiphenyl ether (PBDE 66)	[189084-61-5]	20	ng/mL
CS2	2,3',4',6-Tetrabromodiphenyl ether (PBDE 71)	[189084-62-6]	20	ng/mL
CS2	3,3',4,4'-Tetrabromodiphenyl ether (PBDE 77)	[n/a]	20	ng/mL
CS2	2,2',3,4,4'-Pentabromodiphenyl ether (PBDE 85)	[182346-21-0]	20	ng/mL
CS2	2,2',4,4',5-Pentabromodiphenyl ether (PBDE 99)	[60348-60-9]	20	ng/mL
CS2	2,2',4,4',6-Pentabromodiphenyl ether (PBDE 100)	[189084-64-8]	20	ng/mL
CS2	2,3',4,4',6-Pentabromodiphenyl ether (PBDE 119)	[189084-66-0]	20	ng/mL
CS2	3,3',4,4',5-Pentabromodiphenyl ether (PBDE 126)	[366791-32-4]	20	ng/mL
CS2	2,2',3,4,4',5'-Hexabromodiphenyl ether (PBDE 138)	[182677-30-1]	40	ng/mL
CS2	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	[68631-49-2]	40	ng/mL
CS2	2,2',4,4',5,6'-Hexabromodiphenyl ether (PBDE 154)	[207122-15-4]	40	ng/mL

CS2	2,2',4,4',6,6'-Hexabromodiphenyl ether (PBDE 155)	[35854-94-5]	40	ng/mL
CS2	2,3,4,4',5,6-Hexabromodiphenyl ether (PBDE 166)	[n/a]	40	ng/mL
CS2	2,2',3,4,4',5,6-Heptabromodiphenyl ether (PBDE 181)	[189084-67-1]	40	ng/mL
CS2	2,2',3,4,4',5,6-Heptabromodiphenyl ether (PBDE 183)	[207122-16-5]	40	ng/mL
CS2	2,3,3',4,4',5,6-Heptabromodiphenyl ether (PBDE 190)	[189084-68-2]	40	ng/mL
CS2	2,2',3,4,4',5,5',6-Octabromodiphenyl ether (PBDE 203)	[n/a]	40	ng/mL
CS2	2,3,3',4,4',5,5',6-Octabromodiphenyl ether (PBDE 205)	[n/a]	40	ng/mL
CS2	2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (PBDE 206)	[63936-56-1]	100	ng/mL
CS2	2,2',3,3',4,4',5,5',6'-Nonabromodiphenyl ether (PBDE 207)	[n/a]	100	ng/mL
CS2	Decabromodiphenyl ether (PBDE 209)	[1163-19-5]	100	ng/mL
CS2	2-Monochlorobiphenyl (PCB 1)	[2051-60-7]	20	ng/mL
CS2	4-Monochlorobiphenyl (PCB 3)	[2051-62-9]	20	ng/mL
CS2	2,2'-Dichlorobiphenyl (PCB 4)	[13029-08-8]	20	ng/mL
CS2	2,4'-Dichlorobiphenyl (PCB 8)	[34883-43-7]	20	ng/mL
CS2	2,5-Dichlorobiphenyl (PCB 9)	[34883-39-1]	20	ng/mL

	CB 9)			
CS2	2,6-Dichlorobiphenyl (P CB 10)	[33146-45-1]	20	ng/mL
CS2	3,3'-Dichlorobiphenyl (P PCB 11)	[2050-67-1]	20	ng/mL
CS2	3,4-Dichlorobiphenyl (P CB 12)	[2974-92-7]	20	ng/mL
CS2	4,4'-Dichlorobiphenyl (P PCB 15)	[2050-68-2]	20	ng/mL
CS2	2,2',5-Trichlorobipheny l (PCB 18)	[37680-65-2]	10	ng/mL
CS2	2,2',6-Trichlorobipheny l (PCB 19)	[38444-73-4]	10	ng/mL
CS2	2,4,4'-Trichlorobipheny l (PCB 28)	[7012-37-5]	10	ng/mL
CS2	2,4',5-Trichlorobipheny l (PCB 31)	[16606-02-3]	10	ng/mL
CS2	2',3,4-Trichlorobipheny l (PCB 33)	[38444-86-9]	10	ng/mL
CS2	3,3',4-Trichlorobipheny l (PCB 35)	[37680-69-6]	10	ng/mL
CS2	3,4,4'-Trichlorobipheny l (PCB 37)	[38444-90-5]	10	ng/mL
CS2	3,4,5-Trichlorobiphenyl (PCB 38)	[53555-66-1]	10	ng/mL
CS2	2,2',3,5'-Tetrachlorobi phenyl (PCB 44)	[41464-39-5]	10	ng/mL
CS2	2,2',4,5'-Tetrachlorobi phenyl (PCB 49)	[41464-40-8]	10	ng/mL
CS2	2,2',5,5'-Tetrachlorobi phenyl (PCB 52)	[35693-99-3]	10	ng/mL
CS2	2,2',6,6'-Tetrachlorobi phenyl (PCB 54)	[15968-05-5]	10	ng/mL
CS2	2,3,3',5-Tetrachlorobip henyl (PCB 57)	[70424-67-8]	10	ng/mL
CS2	2,3',4,4'-Tetrachlorobi phenyl (PCB 66)	[32598-10-0]	10	ng/mL
CS2	2,3',4',5-Tetrachlorobi	[32598-11-1]	10	ng/mL

	phenyl (PCB 70)			
CS2	2,4,4',5-Tetrachlorobiphenyl (PCB 74)	[32690-93-0]	10	ng/mL
CS2	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	10	ng/mL
CS2	3,3',4,5-Tetrachlorobiphenyl (PCB 78)	[70362-49-1]	10	ng/mL
CS2	3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	[41464-48-6]	10	ng/mL
CS2	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	[70362-50-4]	10	ng/mL
CS2	2,2',3,4,5'-Pentachlorobiphenyl (PCB 87)	[38380-02-8]	10	ng/mL
CS2	2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	[38379-99-6]	10	ng/mL
CS2	2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	[38380-01-7]	10	ng/mL
CS2	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	[37680-73-2]	10	ng/mL
CS2	2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	[56558-16-8]	10	ng/mL
CS2	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	10	ng/mL
CS2	2,3,3',4',6-Pentachlorobiphenyl (PCB 110)	[38380-03-9]	10	ng/mL
CS2	2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	[39635-32-0]	10	ng/mL
CS2	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	[74472-37-0]	10	ng/mL
CS2	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	10	ng/mL
CS2	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	[65510-44-3]	10	ng/mL
CS2	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	10	ng/mL
CS2	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	[35065-28-2]	10	ng/mL
CS2	2,2',3,4',5',6-Hexachlorobiphenyl (PCB 138)	[38380-04-0]	10	ng/mL

	robiphenyl (PCB 149)			
CS2	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	[35065-27-1]	10	ng/mL
CS2	2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	[33979-03-2]	10	ng/mL
CS2	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	[38380-08-4]	10	ng/mL
CS2	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	[69782-90-7]	10	ng/mL
CS2	2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	[39635-34-2]	10	ng/mL
CS2	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	[52663-72-6]	10	ng/mL
CS2	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	10	ng/mL
CS2	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	[35065-30-6]	10	ng/mL
CS2	2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	[38411-25-5]	10	ng/mL
CS2	2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	[52663-67-9]	10	ng/mL
CS2	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	[35065-29-3]	10	ng/mL
CS2	2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	[52663-68-0]	10	ng/mL
CS2	2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	[74487-85-7]	10	ng/mL
CS2	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	[39635-31-9]	10	ng/mL
CS2	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	[35694-08-7]	10	ng/mL
CS2	2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	[52663-78-2]	10	ng/mL
CS2	2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)		10	ng/mL

CS2	2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	[2136-99-4]	10	ng/mL
CS2	2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	[52663-76-0]	10	ng/mL
CS2	2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	[74472-53-0]	10	ng/mL
CS2	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	[40186-72-9]	10	ng/mL
CS2	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	[52663-77-1]	10	ng/mL
CS2	Decachlorobiphenyl (PCB 209)	[2051-24-3]	10	ng/mL
CS3	Hexachlorobenzene	[118-74-1]	40	ng/mL
CS3	Pentachlorobenzene	[608-93-5]	40	ng/mL
CS3	4-Monobromodiphenyl ether (PBDE 3)	[101-55-3]	40	ng/mL
CS3	2,4-Dibromodiphenyl ether (PBDE 7)	[n/a]	40	ng/mL
CS3	4,4'-Dibromodiphenyl ether (PBDE 15)	[2050-47-7]	40	ng/mL
CS3	2,2',4-Tribromodiphenyl ether (PBDE 17)	[147217-75-2]	40	ng/mL
CS3	2,4,4'-Tribromodiphenyl ether (PBDE 28)	[41318-75-6]	40	ng/mL
CS3	2,2',4,4'-Tetrabromodiphenyl ether (PBDE 47)	[5436-43-1]	40	ng/mL
CS3	2,2',4,5'-Tetrabromodiphenyl ether (PBDE 49)	[243982-82-3]	40	ng/mL
CS3	2,3',4,4'-Tetrabromodiphenyl ether (PBDE 66)	[189084-61-5]	40	ng/mL
CS3	2,3',4',6-Tetrabromodiphenyl ether (PBDE 71)	[189084-62-6]	40	ng/mL
CS3	3,3',4,4'-Tetrabromodiphenyl ether (PBDE 77)	[n/a]	40	ng/mL

	henyl ether (PBDE 77)			
CS3	2,2',3,4,4'-Pentabromod iphenyl ether (PBDE 85)	[182346-21-0]	40	ng/mL
CS3	2,2',4,4',5-Pentabromod iphenyl ether (PBDE 99)	[60348-60-9]	40	ng/mL
CS3	2,2',4,4',6-Pentabromod iphenyl ether (PBDE 100)	[189084-64-8]	40	ng/mL
CS3	2,3',4,4',6-Pentabromod iphenyl ether (PBDE 119)	[189084-66-0]	40	ng/mL
CS3	3,3',4,4',5-Pentabromod iphenyl ether (PBDE 126)	[366791-32-4]	40	ng/mL
CS3	2,2',3,4,4',5'-Hexabrom odiphenyl ether (PBDE 1 38)	[182677-30-1]	80	ng/mL
CS3	2,2',4,4',5,5'-Hexabrom odiphenyl ether (PBDE 1 53)	[68631-49-2]	80	ng/mL
CS3	2,2',4,4',5,6'-Hexabrom odiphenyl ether (PBDE 1 54)	[207122-15-4]	80	ng/mL
CS3	2,2',4,4',6,6'-Hexabrom odiphenyl ether (PBDE 1 55)	[35854-94-5]	80	ng/mL
CS3	2,3,4,4',5,6-Hexabromod iphenyl ether (PBDE 166)	[n/a]	80	ng/mL
CS3	2,2',3,4,4',5,6-Heptabr omodiphenyl ether (PBDE 181)	[189084-67-1]	80	ng/mL
CS3	2,2',3,4,4',5,6-Heptab romodiphenyl ether (PBD E 183)	[207122-16-5]	80	ng/mL
CS3	2,3,3',4,4',5,6-Heptabr omodiphenyl ether (PBDE 190)	[189084-68-2]	80	ng/mL

CS3	2,2',3,4,4',5,5',6-Octa bromodiphenyl ether (PB DE 203)	[n/a]	80	ng/mL
CS3	2,3,3',4,4',5,5',6-Octa bromodiphenyl ether (PB DE 205)	[n/a]	80	ng/mL
CS3	2,2',3,3',4,4',5,5',6-N onabromodiphenyl ether (PBDE 206)	[63936-56-1]	200	ng/mL
CS3	2,2',3,3',4,4',5,6,6'-N onabromodiphenyl ether (PBDE 207)	[n/a]	200	ng/mL
CS3	Decabromodiphenyl ether (PBDE 209)	[1163-19-5]	200	ng/mL
CS3	2-Monochlorobiphenyl (P CB 1)	[2051-60-7]	40	ng/mL
CS3	4-Monochlorobiphenyl (P CB 3)	[2051-62-9]	40	ng/mL
CS3	2,2'-Dichlorobiphenyl (P PCB 4)	[13029-08-8]	40	ng/mL
CS3	2,4'-Dichlorobiphenyl (P PCB 8)	[34883-43-7]	40	ng/mL
CS3	2,5-Dichlorobiphenyl (P CB 9)	[34883-39-1]	40	ng/mL
CS3	2,6-Dichlorobiphenyl (P CB 10)	[33146-45-1]	40	ng/mL
CS3	3,3'-Dichlorobiphenyl (P PCB 11)	[2050-67-1]	40	ng/mL
CS3	3,4-Dichlorobiphenyl (P CB 12)	[2974-92-7]	40	ng/mL
CS3	4,4'-Dichlorobiphenyl (P PCB 15)	[2050-68-2]	40	ng/mL
CS3	2,2',5-Trichlorobiphenyl (PCB 18)	[37680-65-2]	20	ng/mL
CS3	2,2',6-Trichlorobiphenyl (PCB 19)	[38444-73-4]	20	ng/mL
CS3	2,4,4'-Trichlorobiphenyl (PCB 28)	[7012-37-5]	20	ng/mL

CS3	2,4',5-Trichlorobipheny I (PCB 31)	[16606-02-3]	20	ng/mL
CS3	2',3,4-Trichlorobipheny I (PCB 33)	[38444-86-9]	20	ng/mL
CS3	3,3',4-Trichlorobipheny I (PCB 35)	[37680-69-6]	20	ng/mL
CS3	3,4,4'-Trichlorobipheny I (PCB 37)	[38444-90-5]	20	ng/mL
CS3	3,4,5-Trichlorobiphenyl (PCB 38)	[53555-66-1]	20	ng/mL
CS3	2,2',3,5'-Tetrachlorobi phenyl (PCB 44)	[41464-39-5]	20	ng/mL
CS3	2,2',4,5'-Tetrachlorobi phenyl (PCB 49)	[41464-40-8]	20	ng/mL
CS3	2,2',5,5'-Tetrachlorobi phenyl (PCB 52)	[35693-99-3]	20	ng/mL
CS3	2,2',6,6'-Tetrachlorobi phenyl (PCB 54)	[15968-05-5]	20	ng/mL
CS3	2,3,3',5-Tetrachlorobip henyl (PCB 57)	[70424-67-8]	20	ng/mL
CS3	2,3',4,4'-Tetrachlorobi phenyl (PCB 66)	[32598-10-0]	20	ng/mL
CS3	2,3',4',5-Tetrachlorobi phenyl (PCB 70)	[32598-11-1]	20	ng/mL
CS3	2,4,4',5-Tetrachlorobip henyl (PCB 74)	[32690-93-0]	20	ng/mL
CS3	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	20	ng/mL
CS3	3,3',4,5-Tetrachlorobip henyl (PCB 78)	[70362-49-1]	20	ng/mL
CS3	3,3',4,5'-Tetrachlorobi phenyl (PCB 79)	[41464-48-6]	20	ng/mL
CS3	3,4,4',5-Tetrachlorobip henyl (PCB 81)	[70362-50-4]	20	ng/mL
CS3	2,2',3,4,5'-Pentachloro biphenyl (PCB 87)	[38380-02-8]	20	ng/mL
CS3	2,2',3,5',6-Pentachloro biphenyl (PCB 95)	[38379-99-6]	20	ng/mL

CS3	2,2',4,4',5-Pentachloro biphenyl (PCB 99)	[38380-01-7]	20	ng/mL
CS3	2,2',4,5,5'-Pentachloro biphenyl (PCB 101)	[37680-73-2]	20	ng/mL
CS3	2,2',4,6,6'-Pentachloro biphenyl (PCB 104)	[56558-16-8]	20	ng/mL
CS3	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	20	ng/mL
CS3	2,3,3',4',6-Pentachloro biphenyl (PCB 110)	[38380-03-9]	20	ng/mL
CS3	2,3,3',5,5'-Pentachloro biphenyl (PCB 111)	[39635-32-0]	20	ng/mL
CS3	2,3,4,4',5-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	20	ng/mL
CS3	2,3',4,4',5-Pentachloro biphenyl (PCB 118)	[31508-00-6]	20	ng/mL
CS3	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	20	ng/mL
CS3	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	20	ng/mL
CS3	2,2',3,4,4',5'-Hexachlo robiphenyl (PCB 138)	[35065-28-2]	20	ng/mL
CS3	2,2',3,4',5',6-Hexachlo robiphenyl (PCB 149)	[38380-04-0]	20	ng/mL
CS3	2,2',4,4',5,5'-Hexachlo robiphenyl (PCB 153)	[35065-27-1]	20	ng/mL
CS3	2,2',4,4',6,6'-Hexachlo robiphenyl (PCB 155)	[33979-03-2]	20	ng/mL
CS3	2,3,3',4,4',5-Hexachlor obiphenyl (PCB 156)	[38380-08-4]	20	ng/mL
CS3	2,3,3',4,4',5'-Hexachlo robiphenyl (PCB 157)	[69782-90-7]	20	ng/mL
CS3	2,3,3',4',5,5'-Hexachlo robiphenyl (PCB 162)	[39635-34-2]	20	ng/mL
CS3	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	20	ng/mL
CS3	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	20	ng/mL

CS3	2,2',3,3',4,4',5-Heptac hlorobiphenyl (PCB 170)	[35065-30-6]	20	ng/mL
CS3	2,2',3,3',4,5,6'-Heptac hlorobiphenyl (PCB 174)	[38411-25-5]	20	ng/mL
CS3	2,2',3,3',5,5',6-Heptac hlorobiphenyl (PCB 178)	[52663-67-9]	20	ng/mL
CS3	2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180)	[35065-29-3]	20	ng/mL
CS3	2,2',3,4',5,5',6-Heptac hlorobiphenyl (PCB 187)	[52663-68-0]	20	ng/mL
CS3	2,2',3,4',5,6,6'-Heptac hlorobiphenyl (PCB 188)	[74487-85-7]	20	ng/mL
CS3	2,3,3',4,4',5,5'-Heptac hlorobiphenyl (PCB 189)	[39635-31-9]	20	ng/mL
CS3	2,2',3,3',4,4',5,5'-Oct achlorobiphenyl (PCB 19 4)	[35694-08-7]	20	ng/mL
CS3	2,2',3,3',4,4',5,6-Octa chlorobiphenyl (PCB 195)	[52663-78-2]	20	ng/mL
CS3	2,2',3,3',4,5,6,6'-Octa chlorobiphenyl (PCB 200)		20	ng/mL
CS3	2,2',3,3',5,5',6,6'-Oct achlorobiphenyl (PCB 20 2)	[2136-99-4]	20	ng/mL
CS3	2,2',3,4,4',5,5',6-Octa chlorobiphenyl (PCB 203)	[52663-76-0]	20	ng/mL
CS3	2,3,3',4,4',5,5',6-Octa chlorobiphenyl (PCB 205)	[74472-53-0]	20	ng/mL
CS3	2,2',3,3',4,4',5,5',6-N onachlorobiphenyl (PCB 206)	[40186-72-9]	20	ng/mL
CS3	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (PCB 208)	[52663-77-1]	20	ng/mL

CS3	Decachlorobiphenyl (PCB 209)	[2051-24-3]	20	ng/mL
CS4	Hexachlorobenzene	[118-74-1]	100	ng/mL
CS4	Pentachlorobenzene	[608-93-5]	100	ng/mL
CS4	4-Monobromodiphenyl ether (PBDE 3)	[101-55-3]	100	ng/mL
CS4	2,4-Dibromodiphenyl ether (PBDE 7)	[n/a]	100	ng/mL
CS4	4,4'-Dibromodiphenyl ether (PBDE 15)	[2050-47-7]	100	ng/mL
CS4	2,2',4-Tribromodiphenyl ether (PBDE 17)	[147217-75-2]	100	ng/mL
CS4	2,4,4'-Tribromodiphenyl ether (PBDE 28)	[41318-75-6]	100	ng/mL
CS4	2,2',4,4'-Tetrabromodiphenyl ether (PBDE 47)	[5436-43-1]	100	ng/mL
CS4	2,2',4,5'-Tetrabromodiphenyl ether (PBDE 49)	[243982-82-3]	100	ng/mL
CS4	2,3',4,4'-Tetrabromodiphenyl ether (PBDE 66)	[189084-61-5]	100	ng/mL
CS4	2,3',4',6-Tetrabromodiphenyl ether (PBDE 71)	[189084-62-6]	100	ng/mL
CS4	3,3',4,4'-Tetrabromodiphenyl ether (PBDE 77)	[n/a]	100	ng/mL
CS4	2,2',3,4,4'-Pentabromodiphenyl ether (PBDE 85)	[182346-21-0]	100	ng/mL
CS4	2,2',4,4',5-Pentabromodiphenyl ether (PBDE 99)	[60348-60-9]	100	ng/mL
CS4	2,2',4,4',6-Pentabromodiphenyl ether (PBDE 100)	[189084-64-8]	100	ng/mL
CS4	2,3',4,4',6-Pentabromodiphenyl ether (PBDE 119)	[189084-66-0]	100	ng/mL
CS4	3,3',4,4',5-Pentabromodiphenyl ether (PBDE 126)	[366791-32-4]	100	ng/mL
CS4	2,2',3,4,4',5'-Hexabromodiphenyl ether (PBDE 128)	[182677-30-1]	200	ng/mL

	odiphenyl ether (PBDE 138)			
CS4	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	[68631-49-2]	200	ng/mL
CS4	2,2',4,4',5,6'-Hexabromodiphenyl ether (PBDE 154)	[207122-15-4]	200	ng/mL
CS4	2,2',4,4',6,6'-Hexabromodiphenyl ether (PBDE 155)	[35854-94-5]	200	ng/mL
CS4	2,3,4,4',5,6-Hexabromodiphenyl ether (PBDE 166)	[n/a]	200	ng/mL
CS4	2,2',3,4,4',5,6-Heptabromodiphenyl ether (PBDE 181)	[189084-67-1]	200	ng/mL
CS4	2,2',3,4,4',5',6-Heptabromodiphenyl ether (PBDE 183)	[207122-16-5]	200	ng/mL
CS4	2,3,3',4,4',5,6-Heptabromodiphenyl ether (PBDE 190)	[189084-68-2]	200	ng/mL
CS4	2,2',3,4,4',5,5',6-Octabromodiphenyl ether (PBDE 203)	[n/a]	200	ng/mL
CS4	2,3,3',4,4',5,5',6-Octabromodiphenyl ether (PBDE 205)	[n/a]	200	ng/mL
CS4	2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (PBDE 206)	[63936-56-1]	500	ng/mL
CS4	2,2',3,3',4,4',5,6,6'-Nonabromodiphenyl ether (PBDE 207)	[n/a]	500	ng/mL
CS4	Decabromodiphenyl ether (PBDE 209)	[1163-19-5]	500	ng/mL
CS4	2-Monochlorobiphenyl (P)	[2051-60-7]	100	ng/mL

	CB 1)			
CS4	4-Monochlorobiphenyl (P	[2051-62-9]	100	ng/mL
	CB 3)			
CS4	2,2'-Dichlorobiphenyl (	[13029-08-8]	100	ng/mL
	PCB 4)			
CS4	2,4'-Dichlorobiphenyl (	[34883-43-7]	100	ng/mL
	PCB 8)			
CS4	2,5-Dichlorobiphenyl (P	[34883-39-1]	100	ng/mL
	CB 9)			
CS4	2,6-Dichlorobiphenyl (P	[33146-45-1]	100	ng/mL
	CB 10)			
CS4	3,3'-Dichlorobiphenyl (	[2050-67-1]	100	ng/mL
	PCB 11)			
CS4	3,4-Dichlorobiphenyl (P	[2974-92-7]	100	ng/mL
	CB 12)			
CS4	4,4'-Dichlorobiphenyl (	[2050-68-2]	100	ng/mL
	PCB 15)			
CS4	2,2',5-Trichlorobipheny	[37680-65-2]	50	ng/mL
	I (PCB 18)			
CS4	2,2',6-Trichlorobipheny	[38444-73-4]	50	ng/mL
	I (PCB 19)			
CS4	2,4,4'-Trichlorobipheny	[7012-37-5]	50	ng/mL
	I (PCB 28)			
CS4	2,4',5-Trichlorobipheny	[16606-02-3]	50	ng/mL
	I (PCB 31)			
CS4	2',3,4-Trichlorobipheny	[38444-86-9]	50	ng/mL
	I (PCB 33)			
CS4	3,3',4-Trichlorobipheny	[37680-69-6]	50	ng/mL
	I (PCB 35)			
CS4	3,4,4'-Trichlorobipheny	[38444-90-5]	50	ng/mL
	I (PCB 37)			
CS4	3,4,5-Trichlorobiphenyl	[53555-66-1]	50	ng/mL
	(PCB 38)			
CS4	2,2',3,5'-Tetrachlorobi	[41464-39-5]	50	ng/mL
	phenyl (PCB 44)			
CS4	2,2',4,5'-Tetrachlorobi	[41464-40-8]	50	ng/mL
	phenyl (PCB 49)			
CS4	2,2',5,5'-Tetrachlorobi	[35693-99-3]	50	ng/mL

	phenyl (PCB 52)			
CS4	2,2',6,6'-Tetrachlorobi	[15968-05-5]	50	ng/mL
	phenyl (PCB 54)			
CS4	2,3,3',5-Tetrachlorobip	[70424-67-8]	50	ng/mL
	henyl (PCB 57)			
CS4	2,3',4,4'-Tetrachlorobi	[32598-10-0]	50	ng/mL
	phenyl (PCB 66)			
CS4	2,3',4',5-Tetrachlorobi	[32598-11-1]	50	ng/mL
	phenyl (PCB 70)			
CS4	2,4,4',5-Tetrachlorobip	[32690-93-0]	50	ng/mL
	henyl (PCB 74)			
CS4	3,3',4,4'-Tetrachlorobi	[32598-13-3]	50	ng/mL
	phenyl (PCB 77)			
CS4	3,3',4,5-Tetrachlorobip	[70362-49-1]	50	ng/mL
	henyl (PCB 78)			
CS4	3,3',4,5'-Tetrachlorobi	[41464-48-6]	50	ng/mL
	phenyl (PCB 79)			
CS4	3,4,4',5-Tetrachlorobip	[70362-50-4]	50	ng/mL
	henyl (PCB 81)			
CS4	2,2',3,4,5'-Pentachloro	[38380-02-8]	50	ng/mL
	biphenyl (PCB 87)			
CS4	2,2',3,5',6-Pentachloro	[38379-99-6]	50	ng/mL
	biphenyl (PCB 95)			
CS4	2,2',4,4',5-Pentachloro	[38380-01-7]	50	ng/mL
	biphenyl (PCB 99)			
CS4	2,2',4,5,5'-Pentachloro	[37680-73-2]	50	ng/mL
	biphenyl (PCB 101)			
CS4	2,2',4,6,6'-Pentachloro	[56558-16-8]	50	ng/mL
	biphenyl (PCB 104)			
CS4	2,3,3',4,4'-Pentachloro	[32598-14-4]	50	ng/mL
	biphenyl (PCB 105)			
CS4	2,3,3',4',6-Pentachloro	[38380-03-9]	50	ng/mL
	biphenyl (PCB 110)			
CS4	2,3,3',5,5'-Pentachloro	[39635-32-0]	50	ng/mL
	biphenyl (PCB 111)			
CS4	2,3,4,4',5-Pentachlorob	[74472-37-0]	50	ng/mL
	iphenyl (PCB 114)			
CS4	2,3',4,4',5-Pentachloro	[31508-00-6]	50	ng/mL

	biphenyl (PCB 118)			
CS4	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	50	ng/mL
CS4	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	50	ng/mL
CS4	2,2',3,4,4',5'-Hexachloro biphenyl (PCB 138)	[35065-28-2]	50	ng/mL
CS4	2,2',3,4',5',6-Hexachloro biphenyl (PCB 149)	[38380-04-0]	50	ng/mL
CS4	2,2',4,4',5,5'-Hexachloro biphenyl (PCB 153)	[35065-27-1]	50	ng/mL
CS4	2,2',4,4',6,6'-Hexachloro biphenyl (PCB 155)	[33979-03-2]	50	ng/mL
CS4	2,3,3',4,4',5-Hexachloro biphenyl (PCB 156)	[38380-08-4]	50	ng/mL
CS4	2,3,3',4,4',5'-Hexachloro biphenyl (PCB 157)	[69782-90-7]	50	ng/mL
CS4	2,3,3',4',5,5'-Hexachloro biphenyl (PCB 162)	[39635-34-2]	50	ng/mL
CS4	2,3',4,4',5,5'-Hexachloro biphenyl (PCB 167)	[52663-72-6]	50	ng/mL
CS4	3,3',4,4',5,5'-Hexachloro biphenyl (PCB 169)	[32774-16-6]	50	ng/mL
CS4	2,2',3,3',4,4',5-Heptachloro biphenyl (PCB 170)	[35065-30-6]	50	ng/mL
CS4	2,2',3,3',4,5,6'-Heptachloro biphenyl (PCB 174)	[38411-25-5]	50	ng/mL
CS4	2,2',3,3',5,5',6-Heptachloro biphenyl (PCB 178)	[52663-67-9]	50	ng/mL
CS4	2,2',3,4,4',5,5'-Heptachloro biphenyl (PCB 180)	[35065-29-3]	50	ng/mL
CS4	2,2',3,4',5,5',6-Heptachloro biphenyl (PCB 187)	[52663-68-0]	50	ng/mL
CS4	2,2',3,4',5,6,6'-Heptachloro biphenyl (PCB 188)	[74487-85-7]	50	ng/mL
CS4	2,3,3',4,4',5,5'-Heptachloro biphenyl (PCB 189)	[39635-31-9]	50	ng/mL
CS4	2,2',3,3',4,4',5,5'-Octachloro biphenyl (PCB 190)	[35694-08-7]	50	ng/mL

	achlorobiphenyl (PCB 19 4)			
CS4	2,2',3,3',4,4',5,6-Octa chlorobiphenyl (PCB 195)	[52663-78-2]	50	ng/mL
CS4	2,2',3,3',4,5,6,6'-Octa chlorobiphenyl (PCB 200)		50	ng/mL
CS4	2,2',3,3',5,5',6,6'-Oct achlorobiphenyl (PCB 20 2)	[2136-99-4]	50	ng/mL
CS4	2,2',3,4,4',5,5',6-Octa chlorobiphenyl (PCB 203)	[52663-76-0]	50	ng/mL
CS4	2,3,3',4,4',5,5',6-Octa chlorobiphenyl (PCB 205)	[74472-53-0]	50	ng/mL
CS4	2,2',3,3',4,4',5,5',6-N onachlorobiphenyl (PCB 206)	[40186-72-9]	50	ng/mL
CS4	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (PCB 208)	[52663-77-1]	50	ng/mL
CS4	Decachlorobiphenyl (PCB 209)	[2051-24-3]	50	ng/mL