

PCB Congeners in 2,2,4-Trimethylpentane (iso-Octane)

Art. ID	NIST-1493
Unit	5 x 1,2 mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1262 II E2

Description

This Standard Reference Material (SRM®) is a solution of 20 polychlorinated biphenyl (PCB) congeners in 2,2,4-trimethylpentane (isooctane). This SRM® is intended primarily for use in the calibration of chromatographic instruments used for the determination of the certified compounds. A unit of NIST-1493 consists of five 2-mL ampoules, each containing approximately 1.2 mL of solution. Certified ng/mL values are given in the certificate. Non-certified concentrations for PCBs 8 and 118 are given in the certificate. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	2,2',5-Trichlorobiphenyl (PCB 18)	[37680-65-2]	290,8 ± 6,8	µg/kg		
	2,4,4'-Trichlorobiphenyl (PCB 28)	[7012-37-5]	288,0 ± 1,7	µg/kg		
	2,2',3,5'-Tetrachlorobiphenyl (PCB 44)	[41464-39-5]	289 ± 16	µg/kg		
	2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	[35693-99-3]	285,9 ± 6,0	µg/kg		
	2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	[32598-10-0]	291,9 ± 7,0	µg/kg		
	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	284,3 ± 2,6	µg/kg		
	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	[37680-73-2]	287,8 ± 5,3	µg/kg		
	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	286 ± 25	µg/kg		
	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	[57465-28-8]	287,4 ± 3,3	µg/kg		
	2,2',3,3',4,4'-Hexachlorobiphenyl (PCB 128)	[38380-07-3]	290,0 ± 1,9	µg/kg		
	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	[35065-28-2]	287,1 ± 1,4	µg/kg		
	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	[35065-27-1]	287,5 ± 5,0	µg/kg		
	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	[35065-30-6]	285,3 ± 6,6	µg/kg		

2,2',3,4',4',5,5'-Heptachlorobiphenyl (PCB 180)	[35065-29-3]	289,2 ± 5,4	µg/kg
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	[52663-68-0]	285,3 ± 2,0	µg/kg
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	[52663-78-2]	289,0 ± 3,3	µg/kg
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	[40186-72-9]	259 ± 12	µg/kg
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB 209)	[2051-24-3]	289,6 ± 9,4	µg/kg