

PCB Congeners in iso-Octane

Art. ID	NIST-2262
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 28 chlorinated biphenyl (CB) [also known as 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-2262 consists of five 2-mL ampoules, each containing approximately 1.2 mL of solution. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	2-Chlorobiphenyl (PCB 1)	[2051-60-7]	2,997 ± 0,041	mg/kg		
	2,4'-Dichlorobiphenyl (PCB 8)	[34883-43-7]	3,11 ± 0,26	mg/kg		
	2,2',5-Trichlorobiphenyl (PCB 18)	[37680-65-2]	2,983 ± 0,028	mg/kg		
	2,4,5-Trichlorobiphenyl (PCB 29)	[15862-07-4]	2,98 ± 0,11	mg/kg		
	2,2',3,5'-Tetrachlorobiphenyl (PCB 44)	[41464-39-5]	2,977 ± 0,054	mg/kg		
	2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	[35693-99-3]	2,996 ± 0,034	mg/kg		
	2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	[32598-10-0]	2,973 ± 0,056	mg/kg		
	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	[32598-13-3]	3,04 ± 0,10	mg/kg		
	2,2',3,4,5'-Pentachlorobiphenyl (PCB 87)	[38380-02-8]	3,000 ± 0,024	mg/kg		
	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	[37680-73-2]	2,950 ± 0,041	mg/kg		
	2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	[56558-16-8]	3,007 ± 0,024	mg/kg		
	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	[32598-14-4]	2,960 ± 0,092	mg/kg		
	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	2,992 ± 0,095	mg/kg		
	3,3',4,4',5-Pentachlorobiphenyl (PCB 119)	[57465-28-8]	3,01 ± 0,12	mg/kg		

biphenyl (PCB 126)				
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB 128)	[38380-07-3]	2,985 ± 0,024		mg/kg
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	[35065-28-2]	2,939 ± 0,035		mg/kg
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	[35065-27-1]	2,957 ± 0,057		mg/kg
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	[35065-30-6]	2,964 ± 0,049		mg/kg
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	[35065-29-3]	2,986 ± 0,029		mg/kg
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	[52663-68-0]	2,967 ± 0,027		mg/kg
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	[74487-85-7]	3,008 ± 0,050		mg/kg
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	[52663-78-2]	2,974 ± 0,059		mg/kg
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (IUPAC PCB 201, PCB 200)	[40186-71-8]	3,001 ± 0,031		mg/kg
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	[40186-72-9]	2,900 ± 0,054		mg/kg
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB 209)	[2051-24-3]	2,989 ± 0,041		mg/kg
2-Chlorobiphenyl (PCB 1)	[2051-60-7]	2,067 ± 0,029		µg/mL
2,4'-Dichlorobiphenyl (PCB 8)	[34883-43-7]	2,14 ± 0,180		µg/mL
2,2',5-Trichlorobiphenyl I (PCB 18)	[37680-65-2]	2,058 ± 0,019		µg/mL
2,4,5-Trichlorobiphenyl (PCB 29)	[15862-07-4]	2,057 ± 0,076		µg/mL
2,2',3,5'-Tetrachlorobiphenyl (PCB 44)	[41464-39-5]	2,054 ± 0,037		µg/mL
2,2',5,5'-Tetrachlorobiphenyl (PCB 44)	[35693-99-3]	2,067 ± 0,024		µg/mL

phenyl (PCB 52)				
2,3',4,4'-Tetrachlorobi	[32598-10-0]	2,051 ± 0,039		µg/mL
phenyl (PCB 66)				
3,3',4,4'-Tetrachlorobi	[32598-13-3]	2,097 ± 0,069		µg/mL
phenyl (PCB 77)				
2,2',3,4,5'-Pentachloro	[38380-02-8]	2,069 ± 0,017		µg/mL
biphenyl (PCB 87)				
2,2',4,5,5'-Pentachloro	[37680-73-2]	2,035 ± 0,029		µg/mL
biphenyl (PCB 101)				
2,2',4,6,6'-Pentachloro	[56558-16-8]	2,074 ± 0,017		µg/mL
biphenyl (PCB 104)				
2,3,3',4,4'-Pentachloro	[32598-14-4]	2,042 ± 0,063		µg/mL
biphenyl (PCB 105)				
2,3',4,4',5'-Pentachloro	[31508-00-6]	2,064 ± 0,066		µg/mL
biphenyl (PCB 118)				
3,3',4,4',5'-Pentachloro	[57465-28-8]	2,076 ± 0,086		µg/mL
biphenyl (PCB 126)				
2,2',3,3',4,4'-Hexachlo	[38380-07-3]	2,059 ± 0,017		µg/mL
robiphenyl (PCB 128)				
2,2',3,4,4',5'-Hexachlo	[35065-28-2]	2,027 ± 0,024		µg/mL
robiphenyl (PCB 138)				
2,2',4,4',5,5'-Hexachlo	[35065-27-1]	2,040 ± 0,039		µg/mL
robiphenyl (PCB 153)				
2,2',3,3',4,4',5'-Heptac	[35065-30-6]	2,045 ± 0,034		µg/mL
hlorobiphenyl (PCB 170)				
2,2',3,4,4',5,5'-Heptac	[35065-29-3]	2,060 ± 0,020		µg/mL
hlorobiphenyl (PCB 180)				
2,2',3,4',5,5',6'-Heptac	[52663-68-0]	2,047 ± 0,019		µg/mL
hlorobiphenyl (PCB 187)				
2,2',3,4',5,6,6'-Heptac	[74487-85-7]	2,075 ± 0,035		µg/mL
hlorobiphenyl (PCB 188)				
2,2',3,3',4,4',5,6'-Octa	[52663-78-2]	2,052 ± 0,041		µg/mL
chlorobiphenyl (PCB 195				
)				
2,2',3,3',4,5',6,6'-Oct	[40186-71-8]	2,070 ± 0,022		µg/mL
achlorobiphenyl (IUPAC				
PCB 201, PCB 200)				
2,2',3,3',4,4',5,5',6-N	[40186-72-9]	2,001 ± 0,037		µg/mL

nonachlorobiphenyl (PCB
206)

2,2',3,3',4,4',5,5',6,6 [2051-24-3] 2,062 ± 0,028 µg/mL

1-Decachlorobiphenyl (P
CB 209)