

## **PCB Congener Solution II in iso-Octane**

Art. ID	NIST-2274
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 11 polychlorinated biphenyl (PCB) congeners in 2,2,4-trimethylpentane (isooctane) intended primarily for use in the calibration of chromatographic instrumentation. A unit of NIST-2274 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
	2,4',5-Trichlorobiphenyl (PCB 31)	[16606-02-3]	2,929 ± 0,074	mg/kg		
	2,2',4,5'-Tetrachlorobiphenyl (PCB 49)	[41464-40-8]	2,916 ± 0,072	mg/kg		
	2,2',3,4',6-Pentachlorobiphenyl (PCB 95)	[38379-99-6]	2,925 ± 0,063	mg/kg		
	2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	[38380-01-7]	2,933 ± 0,062	mg/kg		
	2,3,3',4',6-Pentachlorobiphenyl (PCB 110)	[38380-03-9]	2,911 ± 0,059	mg/kg		
	2,2',3,4',5',6-Hexachlorobiphenyl (PCB 149)	[38380-04-0]	2,911 ± 0,068	mg/kg		
	2,2',3,5',5',6-Hexachlorobiphenyl (PCB 151)	[52663-63-5]	2,904 ± 0,064	mg/kg		
	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	[38380-08-4]	2,917 ± 0,059	mg/kg		
	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	[32774-16-6]	2,902 ± 0,059	mg/kg		
	2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	[52663-69-1]	2,879 ± 0,059	mg/kg		
	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	[35694-08-7]	2,889 ± 0,063	mg/kg		
	2,4',5-Trichlorobiphenyl (PCB 31)	[16606-02-3]	2,021 ± 0,051	µg/mL		
	2,2',4,5'-Tetrachlorobiphenyl (PCB 49)	[41464-40-8]	2,012 ± 0,050	µg/mL		

2,2',3,4',6-Pentachloro biphenyl (PCB 95)	[38379-99-6]	2,018 ± 0,043	µg/mL
2,2',4,4',5-Pentachloro biphenyl (PCB 99)	[38380-01-7]	2,023 ± 0,043	µg/mL
2,3,3',4',6-Pentachloro biphenyl (PCB 110)	[38380-03-9]	2,008 ± 0,041	µg/mL
2,2',3,4',5',6-Hexachloro biphenyl (PCB 149)	[38380-04-0]	2,008 ± 0,047	µg/mL
2,2',3,5,5',6-Hexachloro biphenyl (PCB 151)	[52663-63-5]	2,003 ± 0,044	µg/mL
2,3,3',4,4',5-Hexachloro biphenyl (PCB 156)	[38380-08-4]	2,012 ± 0,041	µg/mL
3,3',4,4',5,5'-Hexachloro biphenyl (PCB 169)	[32774-16-6]	2,002 ± 0,041	µg/mL
2,2',3,4,4',5',6-Heptachloro biphenyl (PCB 183)	[52663-69-1]	1,986 ± 0,041	µg/mL
2,2',3,3',4,4',5,5'-Octachloro biphenyl (PCB 194)	[35694-08-7]	1,993 ± 0,043	µg/mL