

## **Phenolic Calibration Standards [CS1-CS6] (unlabelled/<sup>13</sup>C,99%) in Nonane**

Art. ID CIL-ES-5482  
Unit 6 x 0,5 mL  
Deliverydetails De Minimis UN1920 III E1

### Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
CS1	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		0,52	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		0,52	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl		0,52	ng/mL		
CS1	Pentachloroanisole	[1825-21-4]	0,53	ng/mL		
CS1	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole		0,52	ng/mL		
CS1	Pentabromoanisole	[n/a]	0,51	ng/mL		
CS1	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl ( <sup>13</sup> C 12,99%)		104	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl (1 3C12,99%)		104	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl ( <sup>13</sup> C12,99%)		103	ng/mL		
CS1	Pentachloroanisole ( <sup>13</sup> C 6,99%)	[1825-21-4]/Unl abeled	263	ng/mL		
CS1	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole ( <sup>13</sup> C1 2,99%)		262	ng/mL		
CS1	Pentabromoanisole ( <sup>13</sup> C6 ,99%)		103	ng/mL		
CS1	1,2,3,4-Tetrachlorodibe nzo-p-dioxin ( <sup>13</sup> C6,99%)	[114423-99-3]	25	ng/mL		
CS1, IUPAC# 208	2,2',3,3',4,5,5',6,6'-N	[234432-92-9]	100	ng/mL		

	onachlorobiphenyl (13C1 2,99%) (IUPAC #208)			
CS1, IUPAC# 77	3,3',4,4'-Tetrabromodip henyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS1, IUPAC# 139	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%) (IUPAC #139)	[446254-96-2]/u nlabelled	75	ng/mL
CS2	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		1,04	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		1,04	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl		1,03	ng/mL
CS2	Pentachloroanisole	[1825-21-4]	1,05	ng/mL
CS2	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole		1,05	ng/mL
CS2	Pentabromoanisole	[n/a]	1,03	ng/mL
CS2	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 12,99%)		104	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl (1 3C12,99%)		104	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS2	Pentachloroanisole (13C 6,99%)	[1825-21-4]/Unl abeled	263	ng/mL
CS2	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (13C1 2,99%)		262	ng/mL
CS2	Pentabromoanisole (13C6 ,99%)		103	ng/mL
CS2	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS2, IUPAC# 208	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1	[234432-92-9]	100	ng/mL

	2,99%) (IUPAC #208)			
CS2, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS2, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL
CS3	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl		10,4	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl		10,4	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5',6-heptachlorobiphenyl		10,3	ng/mL
CS3	Pentachloroanisole	[1825-21-4]	10,5	ng/mL
CS3	5-Chloro-2-(2,4-dichlorophenoxy)-anisole		10,5	ng/mL
CS3	Pentabromoanisole	[n/a]	10,3	ng/mL
CS3	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl (13C12,99%)		104	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl (13C12,99%)		104	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5',6-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS3	Pentachloroanisole (13C6,99%)	[1825-21-4]/Unlabeled	263	ng/mL
CS3	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (13C12,99%)		262	ng/mL
CS3	Pentabromoanisole (13C6,99%)		103	ng/mL
CS3	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS3, IUPAC# 208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL

CS3, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS3, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL
CS4	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl		104	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl		104	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5'-heptachlorobiphenyl		103	ng/mL
CS4	Pentachloroanisole	[1825-21-4]	105	ng/mL
CS4	5-Chloro-2-(2,4-dichlorophenoxy)-anisole		105	ng/mL
CS4	Pentabromoanisole	[n/a]	103	ng/mL
CS4	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl (13C12,99%)		104	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl (13C12,99%)		104	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5'-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS4	Pentachloroanisole (13C6,99%)	[1825-21-4]/Unlabelled	263	ng/mL
CS4	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (13C12,99%)		262	ng/mL
CS4	Pentabromoanisole (13C6,99%)		103	ng/mL
CS4	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS4, IUPAC# 208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS4, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL

	henyl ether (13C12,99%) (IUPAC #77)			
CS4, IUPAC# 139	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%) (IUPAC #139)	[446254-96-2]/u nlabelled	75	ng/mL
CS5	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		520	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		519	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl		517	ng/mL
CS5	Pentachloroanisole	[1825-21-4]	526	ng/mL
CS5	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole		524	ng/mL
CS5	Pentabromoanisole	[n/a]	514	ng/mL
CS5	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 12,99%)		104	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl (1 3C12,99%)		104	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS5	Pentachloroanisole (13C 6,99%)	[1825-21-4]/Unl abeled	263	ng/mL
CS5	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (13C1 2,99%)		262	ng/mL
CS5	Pentabromoanisole (13C6 ,99%)		103	ng/mL
CS5	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS5, IUPAC# 208	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS5, IUPAC# 77	3,3',4,4'-Tetrabromodip henyl ether (13C12,99%)		75	ng/mL

	(IUPAC #77)			
CS5, IUPAC# 139	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%) (IUPAC #139)	[446254-96-2]/u nlabelled	75	ng/mL
CS6	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		5200	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		5190	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5 '-6-heptachlorobiphenyl		5170	ng/mL
CS6	Pentachloroanisole	[1825-21-4]	5260	ng/mL
CS6	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole		5240	ng/mL
CS6	Pentabromoanisole	[n/a]	5140	ng/mL
CS6	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 12,99%)		104	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl (1 3C12,99%)		104	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5 '-6-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS6	Pentachloroanisole (13C 6,99%)	[1825-21-4]/Unl abeled	263	ng/mL
CS6	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (13C1 2,99%)		262	ng/mL
CS6	Pentabromoanisole (13C6 ,99%)		103	ng/mL
CS6	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS6, IUPAC# 208	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS6, IUPAC# 77	3,3',4,4'-Tetrabromodip henyl ether (13C12,99%) (IUPAC #77)		75	ng/mL

CS6, IUPAC# 139	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%) (IUPAC #139)	[446254-96-2]/u 75 nlabelled	ng/mL
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