

Extended Phenolic Calibration Solutions CS1-CS6 ((unlabelled)/13C, 99%)

Art. ID CIL-ES-5510
Unit 6 x 0,5 mL

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		0,21	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		0,21	ng/mL		
CS1	4-Methoxy-2,2',3,4',5,5 '-6-heptachlorobiphenyl		0,21	ng/mL		
CS1	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan)		2,1	ng/mL		
CS1	4-Methoxy-2,2',3,4'-tet rabromodiphenyl ether	[n/a]	0,21	ng/mL		
CS1	3-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	0,21	ng/mL		
CS1	5-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	0,21	ng/mL		
CS1	6-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	0,21	ng/mL		
CS1	4'-Methoxy-2,2',4,5'-te trabromodiphenyl ether	[n/a]	0,21	ng/mL		
CS1	5'-Methoxy-2,2',4,4',5- pentabromodiphenyl ethe r	[n/a]	0,2	ng/mL		
CS1	6-Methoxy-2,2',4,4',5-P entabromodiphenyl ether	[497106-83-9]	0,2	ng/mL		
CS1	2,4-Dibromoanisole	[21702-84-1]	0,21	ng/mL		
CS1	2,4,5-Tribromoanisole	[n/a]	0,21	ng/mL		
CS1	2,4,6-Tribromoanisole	[607-99-8]	0,21	ng/mL		
CS1	Pentabromoanisole	[n/a]	0,21	ng/mL		
CS1	Pentachloroanisole	[1825-21-4]	2,11	ng/mL		
CS1	Dimethyl tetrabromobisp	[n/a]	0,11	ng/mL		

	henol A			
CS1	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 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 (13C12,99%)		103	ng/mL
CS1	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan) (ring-13C1 2,99%)		1047	ng/mL
CS1	6-Methoxy-2,2',4,4'-Tet rabromodiphenyl ether (ring-13C12,99%)	[n/a]	103	ng/mL
CS1	6'-Methoxy-2,2',4,4',6- pentabromodiphenyl ethe r (13C12,99%)		102	ng/mL
CS1	2,4-Dibromoanisole (rin g-13C6,99%)	[n/a]	105	ng/mL
CS1	2,4,5-Tribromoanisole (ring-13C6,99%)		104	ng/mL
CS1	2,4,6-Tribromoanisole (ring-13C6,99%)	[1097192-98-7]	104	ng/mL
CS1	Pentabromoanisole (13C6 ,99%)		103	ng/mL
CS1	Pentachloroanisole (13C 6,99%)	[1825-21-4]/Unl abeled	1052	ng/mL
CS1	Dimethyl Tetrabromobisp henol A (ring-13C12,99%)	[n/a]	53	ng/mL
CS1	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS1, IUPAC# 208	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL

CS1, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS1, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL
CS2	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl		0,52	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl		0,52	ng/mL
CS2	4-Methoxy-2,2',3,4',5,5'-heptachlorobiphenyl		0,52	ng/mL
CS2	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (methyltriclosan)		5,24	ng/mL
CS2	4-Methoxy-2,2',3,4'-tetrabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	3-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	5-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	6-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	4'-Methoxy-2,2',4,5'-tetrabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	5'-Methoxy-2,2',4,4',5-pentabromodiphenyl ether	[n/a]	0,51	ng/mL
CS2	6-Methoxy-2,2',4,4',5-Pentabromodiphenyl ether	[497106-83-9]	0,51	ng/mL
CS2	2,4-Dibromoanisole	[21702-84-1]	0,53	ng/mL
CS2	2,4,5-Tribromoanisole	[n/a]	0,52	ng/mL
CS2	2,4,6-Tribromoanisole	[607-99-8]	0,52	ng/mL
CS2	Pentabromoanisole	[n/a]	0,51	ng/mL
CS2	Pentachloroanisole	[1825-21-4]	5,26	ng/mL
CS2	Dimethyl tetrabromobiphenol A	[n/a]	0,26	ng/mL
CS2	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl		104	ng/mL

	entachlorobiphenyl (13C 12,99%)			
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' ,6-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS2	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan) (ring-13C1 2,99%)		1047	ng/mL
CS2	6-Methoxy-2,2',4,4'-Tet rabromodiphenyl ether (ring-13C12,99%)	[n/a]	103	ng/mL
CS2	6'-Methoxy-2,2',4,4',6- pentabromodiphenyl ethe r (13C12,99%)		102	ng/mL
CS2	2,4-Dibromoanisole (rin g-13C6,99%)	[n/a]	105	ng/mL
CS2	2,4,5-Tribromoanisole (ring-13C6,99%)		104	ng/mL
CS2	2,4,6-Tribromoanisole (ring-13C6,99%)	[1097192-98-7]	104	ng/mL
CS2	Pentabromoanisole (13C6 ,99%)		103	ng/mL
CS2	Pentachloroanisole (13C 6,99%)	[1825-21-4]/Unl abeled	1052	ng/mL
CS2	Dimethyl Tetrabromobisp henol A (ring-13C12,99%)	[n/a]	53	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 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS2, IUPAC# 77	3,3',4,4'-Tetrabromodip henyl ether (13C12,99%)		75	ng/mL

	(IUPAC #77)			
CS2, IUPAC# 139	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%) (IUPAC #139)	[446254-96-2]/u nlabelled	75	ng/mL
CS3	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		2,6	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		2,59	ng/mL
CS3	4-Methoxy-2,2',3,4',5,5 '-6-heptachlorobiphenyl		2,59	ng/mL
CS3	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan)		26,2	ng/mL
CS3	4-Methoxy-2,2',3,4'-tet rabromodiphenyl ether	[n/a]	2,57	ng/mL
CS3	3-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	2,57	ng/mL
CS3	5-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	2,57	ng/mL
CS3	6-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	2,57	ng/mL
CS3	4'-Methoxy-2,2',4,5'-te trabromodiphenyl ether	[n/a]	2,57	ng/mL
CS3	5'-Methoxy-2,2',4,4',5- pentabromodiphenyl ethe r	[n/a]	2,56	ng/mL
CS3	6-Methoxy-2,2',4,4',5-P entabromodiphenyl ether	[497106-83-9]	2,56	ng/mL
CS3	2,4-Dibromoanisole	[21702-84-1]	2,64	ng/mL
CS3	2,4,5-Tribromoanisole	[n/a]	2,61	ng/mL
CS3	2,4,6-Tribromoanisole	[607-99-8]	2,61	ng/mL
CS3	Pentabromoanisole	[n/a]	2,57	ng/mL
CS3	Pentachloroanisole	[1825-21-4]	26,3	ng/mL
CS3	Dimethyl tetrabromobisp henol A	[n/a]	1,31	ng/mL
CS3	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 12,99%)		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	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (methyltriclosan) (ring-13C12,99%)		1047	ng/mL
CS3	6-Methoxy-2,2',4,4'-Tetrabromodiphenyl ether (ring-13C12,99%)	[n/a]	103	ng/mL
CS3	6'-Methoxy-2,2',4,4',6-pentabromodiphenyl ether (13C12,99%)		102	ng/mL
CS3	2,4-Dibromoanisole (ring-13C6,99%)	[n/a]	105	ng/mL
CS3	2,4,5-Tribromoanisole (ring-13C6,99%)		104	ng/mL
CS3	2,4,6-Tribromoanisole (ring-13C6,99%)	[1097192-98-7]	104	ng/mL
CS3	Pentabromoanisole (13C6,99%)		103	ng/mL
CS3	Pentachloroanisole (13C6,99%)	[1825-21-4]/Unlabeled	1052	ng/mL
CS3	Dimethyl Tetrabromobiphenol A (ring-13C12,99%)	[n/a]	53	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-Hexabromo	[446254-96-2]/u	75	ng/mL

	diphenyl ether (13C12,9 9%) (IUPAC #139)	nlabelled		
CS4	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		21	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		21	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5 '-heptachlorobiphenyl		21	ng/mL
CS4	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan)		210	ng/mL
CS4	4-Methoxy-2,2',3,4'-tet rabromodiphenyl ether	[n/a]	21	ng/mL
CS4	3-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	21	ng/mL
CS4	5-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	21	ng/mL
CS4	6-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	21	ng/mL
CS4	4'-Methoxy-2,2',4,5'-te trabromodiphenyl ether	[n/a]	21	ng/mL
CS4	5'-Methoxy-2,2',4,4',5- pentabromodiphenyl ethe r	[n/a]	21	ng/mL
CS4	6-Methoxy-2,2',4,4',5-P entabromodiphenyl ether	[497106-83-9]	21	ng/mL
CS4	2,4-Dibromoanisole	[21702-84-1]	21	ng/mL
CS4	2,4,5-Tribromoanisole	[n/a]	21	ng/mL
CS4	2,4,6-Tribromoanisole	[607-99-8]	21	ng/mL
CS4	Pentabromoanisole	[n/a]	21	ng/mL
CS4	Pentachloroanisole	[1825-21-4]	210	ng/mL
CS4	Dimethyl tetrabromobisp henol A	[n/a]	11	ng/mL
CS4	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl (13C 12,99%)		104	ng/mL
CS4	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl (1		104	ng/mL

	3C12,99%)			
CS4	4-Methoxy-2,2',3,4',5,5',6-heptachlorobiphenyl (13C12,99%)		103	ng/mL
CS4	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (methyltriclosan) (ring-13C12,99%)		1047	ng/mL
CS4	6-Methoxy-2,2',4,4'-Tetrabromodiphenyl ether (ring-13C12,99%)	[n/a]	103	ng/mL
CS4	6'-Methoxy-2,2',4,4',6'-pentabromodiphenyl ether (13C12,99%)		102	ng/mL
CS4	2,4-Dibromoanisole (ring-13C6,99%)	[n/a]	105	ng/mL
CS4	2,4,5-Tribromoanisole (ring-13C6,99%)		104	ng/mL
CS4	2,4,6-Tribromoanisole (ring-13C6,99%)	[1097192-98-7]	104	ng/mL
CS4	Pentabromoanisole (13C6,99%)		103	ng/mL
CS4	Pentachloroanisole (13C6,99%)	[1825-21-4]/Unlabelled	1052	ng/mL
CS4	Dimethyl Tetrabromobiphenol A (ring-13C12,99%)	[n/a]	53	ng/mL
CS4	1,2,3,4-Tetrachlorodibenzop-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
CS4, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL

CS5	4-Methoxy-2,3,3',4',5-p entachlorobiphenyl		104	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-hexachlorobiphenyl		104	ng/mL
CS5	4-Methoxy-2,2',3,4',5,5 '-6-heptachlorobiphenyl		103	ng/mL
CS5	5-Chloro-2-(2,4-dichlor ophenoxy)-anisole (meth yltriclosan)		1048	ng/mL
CS5	4-Methoxy-2,2',3,4'-tet rabromodiphenyl ether	[n/a]	103	ng/mL
CS5	3-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	103	ng/mL
CS5	5-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	103	ng/mL
CS5	6-Methoxy-2,2',4,4'-tet rabromodiphenyl ether	[n/a]	103	ng/mL
CS5	4'-Methoxy-2,2',4,5'-te trabromodiphenyl ether	[n/a]	103	ng/mL
CS5	5'-Methoxy-2,2',4,4',5- pentabromodiphenyl ethe r	[n/a]	102	ng/mL
CS5	6-Methoxy-2,2',4,4',5-P entabromodiphenyl ether	[497106-83-9]	102	ng/mL
CS5	2,4-Dibromoanisole	[21702-84-1]	106	ng/mL
CS5	2,4,5-Tribromoanisole	[n/a]	104	ng/mL
CS5	2,4,6-Tribromoanisole	[607-99-8]	104	ng/mL
CS5	Pentabromoanisole	[n/a]	103	ng/mL
CS5	Pentachloroanisole	[1825-21-4]	1053	ng/mL
CS5	Dimethyl tetrabromobisp henol A	[n/a]	53	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		103	ng/mL

	1,6-heptachlorobiphenyl (13C12,99%)			
CS5	5-Chloro-2-(2,4-dichloro- phenoxy)-anisole (meth- yltriclosan) (ring-13C1 2,99%)		1047	ng/mL
CS5	6-Methoxy-2,2',4,4'-Tetra- bromodiphenyl ether (ring- 13C12,99%)	[n/a]	103	ng/mL
CS5	6'-Methoxy-2,2',4,4',6'- pentabromodiphenyl ether (13C12,99%)		102	ng/mL
CS5	2,4-Dibromoanisole (ring- 13C6,99%)	[n/a]	105	ng/mL
CS5	2,4,5-Tribromoanisole (ring- 13C6,99%)		104	ng/mL
CS5	2,4,6-Tribromoanisole (ring- 13C6,99%)	[1097192-98-7]	104	ng/mL
CS5	Pentabromoanisole (13C6, ,99%)		103	ng/mL
CS5	Pentachloroanisole (13C6, 6,99%)	[1825-21-4]/Unlabeled	1052	ng/mL
CS5	Dimethyl Tetrabromobisphenol A (ring-13C12,99%)	[n/a]	53	ng/mL
CS5	1,2,3,4-Tetrachlorodibenzofuran- p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS5, IUPAC# 208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C1 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS5, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS5, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL
CS6	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl		520	ng/mL

CS6	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl		519	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5',6-heptachlorobiphenyl		517	ng/mL
CS6	5-Chloro-2-(2,4-dichlorophenoxy)-anisole (methyltriclosan)		5242	ng/mL
CS6	4-Methoxy-2,2',3,4'-tetrabromodiphenyl ether	[n/a]	514	ng/mL
CS6	3-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	514	ng/mL
CS6	5-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	514	ng/mL
CS6	6-Methoxy-2,2',4,4'-tetrabromodiphenyl ether	[n/a]	514	ng/mL
CS6	4'-Methoxy-2,2',4,5'-tetrabromodiphenyl ether	[n/a]	514	ng/mL
CS6	5'-Methoxy-2,2',4,4',5-pentabromodiphenyl ether	[n/a]	512	ng/mL
CS6	6-Methoxy-2,2',4,4',5-Pentabromodiphenyl ether	[497106-83-9]	512	ng/mL
CS6	2,4-Dibromoanisole	[21702-84-1]	528	ng/mL
CS6	2,4,5-Tribromoanisole	[n/a]	521	ng/mL
CS6	2,4,6-Tribromoanisole	[607-99-8]	521	ng/mL
CS6	Pentabromoanisole	[n/a]	514	ng/mL
CS6	Pentachloroanisole	[1825-21-4]	5263	ng/mL
CS6	Dimethyl tetrabromobiphenol A	[n/a]	263	ng/mL
CS6	4-Methoxy-2,3,3',4',5-pentachlorobiphenyl (13C12,99%)		104	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5'-hexachlorobiphenyl (13C12,99%)		104	ng/mL
CS6	4-Methoxy-2,2',3,4',5,5',6-heptachlorobiphenyl (13C12,99%)		103	ng/mL

CS6	5-Chloro-2-(2,4-dichloro-phenoxy)-anisole (methyltriclosan) (ring-13C12,99%)		1047	ng/mL
CS6	6-Methoxy-2,2',4,4'-Tetrabromodiphenyl ether (ring-13C12,99%)	[n/a]	103	ng/mL
CS6	6'-Methoxy-2,2',4,4',6-pentabromodiphenyl ether (13C12,99%)		102	ng/mL
CS6	2,4-Dibromoanisole (ring-13C6,99%)	[n/a]	105	ng/mL
CS6	2,4,5-Tribromoanisole (ring-13C6,99%)		104	ng/mL
CS6	2,4,6-Tribromoanisole (ring-13C6,99%)	[1097192-98-7]	104	ng/mL
CS6	Pentabromoanisole (13C6,99%)		103	ng/mL
CS6	Pentachloroanisole (13C6,99%)	[1825-21-4]/Unlabeled	1052	ng/mL
CS6	Dimethyl Tetrabromobiphenol A (ring-13C12,99%)	[n/a]	53	ng/mL
CS6	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS6, IUPAC# 208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS6, IUPAC# 77	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%) (IUPAC #77)		75	ng/mL
CS6, IUPAC# 139	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%) (IUPAC #139)	[446254-96-2]/unlabelled	75	ng/mL