

Persistent pesticide calibration solution CS1-CS8 (unlabelled/¹³C, 99%)

Art. ID CIL-ES-5019-A-CS1-CS8
Unit 8 x 0,25 mL
Deliverydetails De Minimis UN1920 III E1

Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
CS1	Hexachlorobenzene	[118-74-1]	1	ng/mL		
CS1	beta-HCH (beta-BHC)	[319-85-7]	1	ng/mL		
CS1	gamma-HCH (gamma-BHC [58-89-9] Lindane)		1	ng/mL		
CS1	cis-Heptachlor Epoxide		1	ng/mL		
CS1	Oxychlorthane	[27304-13-8]	1	ng/mL		
CS1	trans-Nonachlor	[39765-80-5]	1	ng/mL		
CS1	4,4'-DDE	[72-55-9]	1	ng/mL		
CS1	Dieldrin	[60-57-1]	1	ng/mL		
CS1	2,4'-DDT	[789-02-6]	1	ng/mL		
CS1	4,4'-DDT	[50-29-3]	1	ng/mL		
CS1	Mirex	[2385-85-5]	1	ng/mL		
CS1	Dechlorane Plus Syn	[135821-03-3]	1	ng/mL		
CS1	Dechlorane Plus Anti	[135821-74-8]	1	ng/mL		
CS1	Hexachlorobenzene (¹³ C6 ,99%)	[93952-14-8]	100	ng/mL		
CS1	Dieldrin (¹³ C12,99%)	[60-57-1]/unlab elled	100	ng/mL		
CS1	beta-HCH (beta-BHC) (13 C6,99%)	[222966-68-9]	100	ng/mL		
CS1	gamma-HCH (gamma-BHC [58-89-9]/unlab Lindane) (¹³ C6,99%)	elled	100	ng/mL		
CS1	cis-Heptachlor Epoxide (¹³ C10,99%)	[1024-57-3]/unl abelled	100	ng/mL		
CS1	Oxychlorthane (¹³ C10,99%)	[2483735-99-3]	100	ng/mL		
CS1	trans-Nonachlor (¹³ C10, 99%)	[1262969-06-1]	100	ng/mL		
CS1	Mirex (¹³ C10,99%)	[2483736-04-3]	100	ng/mL		

CS1	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unlabelled	100	ng/mL
CS1	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL
CS1	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS1	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS1	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS1	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS1	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS2	Hexachlorobenzene	[118-74-1]	2,5	ng/mL
CS2	beta-HCH (beta-BHC)	[319-85-7]	2,5	ng/mL
CS2	gamma-HCH (gamma-BHC Lindane)	[58-89-9]	2,5	ng/mL
CS2	cis-Heptachlor Epoxide		2,5	ng/mL
CS2	Oxychlorane	[27304-13-8]	2,5	ng/mL
CS2	trans-Nonachlor	[39765-80-5]	2,5	ng/mL
CS2	4,4'-DDE	[72-55-9]	2,5	ng/mL
CS2	Dieldrin	[60-57-1]	2,5	ng/mL
CS2	2,4'-DDT	[789-02-6]	2,5	ng/mL
CS2	4,4'-DDT	[50-29-3]	2,5	ng/mL
CS2	Mirex	[2385-85-5]	2,5	ng/mL
CS2	Dechlorane Plus Syn	[135821-03-3]	2,5	ng/mL
CS2	Dechlorane Plus Anti	[135821-74-8]	2,5	ng/mL
CS2	Hexachlorobenzene (13C6,99%)	[93952-14-8]	100	ng/mL
CS2	Dieldrin (13C12,99%)	[60-57-1]/unlabelled	100	ng/mL
CS2	beta-HCH (beta-BHC) (13C6,99%)	[222966-68-9]	100	ng/mL
CS2	gamma-HCH (gamma-BHC Lindane) (13C6,99%)	[58-89-9]/unlabelled	100	ng/mL

CS2	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unlabelled	100	ng/mL
CS2	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS2	trans-Nonachlor (13C10,99%)	[1262969-06-1]	100	ng/mL
CS2	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS2	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unlabelled	100	ng/mL
CS2	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL
CS2	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS2	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS2	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS2	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS2	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS3	Hexachlorobenzene	[118-74-1]	10	ng/mL
CS3	beta-HCH (beta-BHC)	[319-85-7]	10	ng/mL
CS3	gamma-HCH (gamma-BHC) Lindane)	[58-89-9]	10	ng/mL
CS3	cis-Heptachlor Epoxide		10	ng/mL
CS3	Oxychlorane	[27304-13-8]	10	ng/mL
CS3	trans-Nonachlor	[39765-80-5]	10	ng/mL
CS3	4,4'-DDE	[72-55-9]	10	ng/mL
CS3	Dieldrin	[60-57-1]	10	ng/mL
CS3	2,4'-DDT	[789-02-6]	10	ng/mL
CS3	4,4'-DDT	[50-29-3]	10	ng/mL
CS3	Mirex	[2385-85-5]	10	ng/mL
CS3	Dechlorane Plus Syn	[135821-03-3]	10	ng/mL
CS3	Dechlorane Plus Anti	[135821-74-8]	10	ng/mL
CS3	Hexachlorobenzene (13C6)	[93952-14-8]	100	ng/mL

	,99%)			
CS3	Dieldrin (13C12,99%)	[60-57-1]/unlab elled	100	ng/mL
CS3	beta-HCH (beta-BHC) (13C6,99%)	[222966-68-9]	100	ng/mL
CS3	gamma-HCH (gamma-BHC (13C6,99%) Lindane)	[58-89-9]/unlab elled	100	ng/mL
CS3	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unl abelled	100	ng/mL
CS3	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS3	trans-Nonachlor (13C10,99%)	[1262969-06-1]	100	ng/mL
CS3	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS3	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unla belled	100	ng/mL
CS3	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL
CS3	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS3	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS3	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS3	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS3	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS4	Hexachlorobenzene	[118-74-1]	35	ng/mL
CS4	beta-HCH (beta-BHC)	[319-85-7]	35	ng/mL
CS4	gamma-HCH (gamma-BHC (13C6,99%) Lindane)	[58-89-9]	35	ng/mL
CS4	cis-Heptachlor Epoxide		35	ng/mL
CS4	Oxychlorane	[27304-13-8]	35	ng/mL
CS4	trans-Nonachlor	[39765-80-5]	35	ng/mL
CS4	4,4'-DDE	[72-55-9]	35	ng/mL

CS4	Dieldrin	[60-57-1]	35	ng/mL
CS4	2,4'-DDT	[789-02-6]	35	ng/mL
CS4	4,4'-DDT	[50-29-3]	35	ng/mL
CS4	Mirex	[2385-85-5]	35	ng/mL
CS4	Dechlorane Plus Syn	[135821-03-3]	35	ng/mL
CS4	Dechlorane Plus Anti	[135821-74-8]	35	ng/mL
CS4	Hexachlorobenzene (13C6,99%)	[93952-14-8]	100	ng/mL
CS4	Dieldrin (13C12,99%)	[60-57-1]/unlabelled	100	ng/mL
CS4	beta-HCH (beta-BHC) (13C6,99%)	[222966-68-9]	100	ng/mL
CS4	gamma-HCH (gamma-BHC) (13C6,99%)	[58-89-9]/unlabelled	100	ng/mL
CS4	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unlabelled	100	ng/mL
CS4	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS4	trans-Nonachlor (13C10,99%)	[1262969-06-1]	100	ng/mL
CS4	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS4	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unlabelled	100	ng/mL
CS4	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL
CS4	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS4	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS4	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS4	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS4	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS5	Hexachlorobenzene	[118-74-1]	100	ng/mL

CS5	beta-HCH (beta-BHC)	[319-85-7]	100	ng/mL
CS5	gamma-HCH (gamma-BHC [58-89-9] Lindane)		100	ng/mL
CS5	cis-Heptachlor Epoxide		100	ng/mL
CS5	Oxychlorane	[27304-13-8]	100	ng/mL
CS5	trans-Nonachlor	[39765-80-5]	100	ng/mL
CS5	4,4'-DDE	[72-55-9]	100	ng/mL
CS5	Dieldrin	[60-57-1]	100	ng/mL
CS5	2,4'-DDT	[789-02-6]	100	ng/mL
CS5	4,4'-DDT	[50-29-3]	100	ng/mL
CS5	Mirex	[2385-85-5]	100	ng/mL
CS5	Dechlorane Plus Syn	[135821-03-3]	100	ng/mL
CS5	Dechlorane Plus Anti	[135821-74-8]	100	ng/mL
CS5	Hexachlorobenzene (13C6 ,99%)	[93952-14-8]	100	ng/mL
CS5	Dieldrin (13C12,99%)	[60-57-1]/unlab elled	100	ng/mL
CS5	beta-HCH (beta-BHC) (13 C6,99%)	[222966-68-9]	100	ng/mL
CS5	gamma-HCH (gamma-BHC [58-89-9]/unlab Lindane) (13C6,99%)	elled	100	ng/mL
CS5	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unl abelled	100	ng/mL
CS5	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS5	trans-Nonachlor (13C10, 99%)	[1262969-06-1]	100	ng/mL
CS5	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS5	2,4'-DDT (ring-13C12,99 %)	[789-02-6]/unla belled	100	ng/mL
CS5	4,4'-DDT (ring-13C12,99 %)	[104215-84-1]	100	ng/mL
CS5	4,4'-DDE (ring-13C12,99 %)	[201612-50-2]	250	ng/mL
CS5	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS5	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1	[234432-92-9]	100	ng/mL

	2,99%) (IUPAC #208)			
CS5	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS5	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS6	Hexachlorobenzene	[118-74-1]	300	ng/mL
CS6	beta-HCH (beta-BHC)	[319-85-7]	300	ng/mL
CS6	gamma-HCH (gamma-BHC) (Lindane)	[58-89-9]	300	ng/mL
CS6	cis-Heptachlor Epoxide		300	ng/mL
CS6	Oxychlorane	[27304-13-8]	300	ng/mL
CS6	trans-Nonachlor	[39765-80-5]	300	ng/mL
CS6	4,4'-DDE	[72-55-9]	300	ng/mL
CS6	Dieldrin	[60-57-1]	300	ng/mL
CS6	2,4'-DDT	[789-02-6]	300	ng/mL
CS6	4,4'-DDT	[50-29-3]	300	ng/mL
CS6	Mirex	[2385-85-5]	300	ng/mL
CS6	Dechlorane Plus Syn	[135821-03-3]	300	ng/mL
CS6	Dechlorane Plus Anti	[135821-74-8]	300	ng/mL
CS6	Hexachlorobenzene (13C6,99%)	[93952-14-8]	100	ng/mL
CS6	Dieldrin (13C12,99%)	[60-57-1]/unlabelled	100	ng/mL
CS6	beta-HCH (beta-BHC) (13C6,99%)	[222966-68-9]	100	ng/mL
CS6	gamma-HCH (gamma-BHC) (Lindane) (13C6,99%)	[58-89-9]/unlabelled	100	ng/mL
CS6	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unlabelled	100	ng/mL
CS6	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS6	trans-Nonachlor (13C10,99%)	[1262969-06-1]	100	ng/mL
CS6	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS6	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unlabelled	100	ng/mL
CS6	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL

	%)			
CS6	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS6	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS6	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS6	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS6	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL
CS7	Hexachlorobenzene	[118-74-1]	500	ng/mL
CS7	beta-HCH (beta-BHC)	[319-85-7]	500	ng/mL
CS7	gamma-HCH (gamma-BHC) (Lindane)	[58-89-9]	500	ng/mL
CS7	cis-Heptachlor Epoxide		500	ng/mL
CS7	Oxychlorane	[27304-13-8]	500	ng/mL
CS7	trans-Nonachlor	[39765-80-5]	500	ng/mL
CS7	4,4'-DDE	[72-55-9]	500	ng/mL
CS7	Dieldrin	[60-57-1]	500	ng/mL
CS7	2,4'-DDT	[789-02-6]	500	ng/mL
CS7	4,4'-DDT	[50-29-3]	500	ng/mL
CS7	Mirex	[2385-85-5]	500	ng/mL
CS7	Dechlorane Plus Syn	[135821-03-3]	500	ng/mL
CS7	Dechlorane Plus Anti	[135821-74-8]	500	ng/mL
CS7	Hexachlorobenzene (13C6,99%)	[93952-14-8]	100	ng/mL
CS7	Dieldrin (13C12,99%)	[60-57-1]/unlabelled	100	ng/mL
CS7	beta-HCH (beta-BHC) (13C6,99%)	[222966-68-9]	100	ng/mL
CS7	gamma-HCH (gamma-BHC) (Lindane) (13C6,99%)	[58-89-9]/unlabelled	100	ng/mL
CS7	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unlabelled	100	ng/mL
CS7	Oxychlorane (13C10,99%)	[2483735-99-3]	100	ng/mL

CS7) trans-Nonachlor (13C10, 99%)	[1262969-06-1]	100	ng/mL
CS7	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS7	2,4'-DDT (ring-13C12,99 %)	[789-02-6]/unla belled	100	ng/mL
CS7	4,4'-DDT (ring-13C12,99 %)	[104215-84-1]	100	ng/mL
CS7	4,4'-DDE (ring-13C12,99 %)	[201612-50-2]	250	ng/mL
CS7	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS7	2,2',3,3',4,5,5',6,6'-N onachlorobiphenyl (13C1 2,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS7	3,3',4,4'-Tetrabromodip henyl ether (13C12,99%)		75	ng/mL
CS7	2,2',3,4,4',6-Hexabromo diphenyl ether (13C12,9 9%)	[446254-96-2]/u nlabelled	75	ng/mL
CS8	Hexachlorobenzene	[118-74-1]	1000	ng/mL
CS8	beta-HCH (beta-BHC)	[319-85-7]	1000	ng/mL
CS8	gamma-HCH (gamma-BHC [58-89-9] Lindane)		1000	ng/mL
CS8	cis-Heptachlor Epoxide		1000	ng/mL
CS8	Oxychlorane	[27304-13-8]	1000	ng/mL
CS8	trans-Nonachlor	[39765-80-5]	1000	ng/mL
CS8	4,4'-DDE	[72-55-9]	1000	ng/mL
CS8	Dieldrin	[60-57-1]	1000	ng/mL
CS8	2,4'-DDT	[789-02-6]	1000	ng/mL
CS8	4,4'-DDT	[50-29-3]	1000	ng/mL
CS8	Mirex	[2385-85-5]	1000	ng/mL
CS8	Dechlorane Plus Syn	[135821-03-3]	1000	ng/mL
CS8	Dechlorane Plus Anti	[135821-74-8]	1000	ng/mL
CS8	Hexachlorobenzene (13C6 ,99%)	[93952-14-8]	100	ng/mL
CS8	Dieldrin (13C12,99%)	[60-57-1]/unlab elled	100	ng/mL

CS8	beta-HCH (beta-BHC) (13 C6,99%)	[222966-68-9]	100	ng/mL
CS8	gamma-HCH (gamma-BHC Lindane) (13C6,99%)	[58-89-9]/unlabelled	100	ng/mL
CS8	cis-Heptachlor Epoxide (13C10,99%)	[1024-57-3]/unlabelled	100	ng/mL
CS8	Oxychlordane (13C10,99%)	[2483735-99-3]	100	ng/mL
CS8	trans-Nonachlor (13C10,99%)	[1262969-06-1]	100	ng/mL
CS8	Mirex (13C10,99%)	[2483736-04-3]	100	ng/mL
CS8	2,4'-DDT (ring-13C12,99%)	[789-02-6]/unlabelled	100	ng/mL
CS8	4,4'-DDT (ring-13C12,99%)	[104215-84-1]	100	ng/mL
CS8	4,4'-DDE (ring-13C12,99%)	[201612-50-2]	250	ng/mL
CS8	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C6,99%)	[114423-99-3]	25	ng/mL
CS8	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (13C12,99%) (IUPAC #208)	[234432-92-9]	100	ng/mL
CS8	3,3',4,4'-Tetrabromodiphenyl ether (13C12,99%)		75	ng/mL
CS8	2,2',3,4,4',6-Hexabromodiphenyl ether (13C12,99%)	[446254-96-2]/unlabelled	75	ng/mL