

CDC PCB Calibration Solution [CS3]

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| Art. ID | CIL-EC-5366-CS3 |
| Unit | 0,5 mL |
| Deliverydetails | De Minimis UN1920 III E1 |

Description

Chemical purity: 98%

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|---|--------------|---------------------|-------|--------|--------|
| CS3, IUPAC# 18 | 2,2',5-Trichlorobipheny I (PCB 18) | [37680-65-2] | 1 | ng/mL | | |
| CS3, IUPAC# 28 | 2,4,4'-Trichlorobipheny I (PCB 28) | [7012-37-5] | 1 | ng/mL | | |
| CS3, IUPAC# 44 | 2,2',3,5'-Tetrachlorobi phenyl (PCB 44) | [41464-39-5] | 1 | ng/mL | | |
| CS3, IUPAC# 49 | 2,2',4,5'-Tetrachlorobi phenyl (PCB 49) | [41464-40-8] | 1 | ng/mL | | |
| CS3, IUPAC# 52 | 2,2',5,5'-Tetrachlorobi phenyl (PCB 52) | [35693-99-3] | 1 | ng/mL | | |
| CS3, IUPAC# 66 | 2,3',4,4'-Tetrachlorobi phenyl (PCB 66) | [32598-10-0] | 1 | ng/mL | | |
| CS3, IUPAC# 74 | 2,4,4',5-Tetrachlorobip henyl (PCB 74) | [32690-93-0] | 1 | ng/mL | | |
| CS3, IUPAC# 87 | 2,2',3,4,5'-Pentachloro biphenyl (PCB 87) | [38380-02-8] | 1 | ng/mL | | |
| CS3, IUPAC# 99 | 2,2',4,4',5-Pentachloro biphenyl (PCB 99) | [38380-01-7] | 1 | ng/mL | | |
| CS3, IUPAC# 101 | 2,2',4,5,5'-Pentachloro biphenyl (PCB 101) | [37680-73-2] | 1 | ng/mL | | |
| CS3, IUPAC# 105 | 2,3,3',4,4'-Pentachloro biphenyl (PCB 105) | [32598-14-4] | 1 | ng/mL | | |
| CS3, IUPAC# 110 | 2,3,3',4',6-Pentachloro biphenyl (PCB 110) | [38380-03-9] | 1 | ng/mL | | |
| CS3, IUPAC# 114 | 2,3,4,4',5-Pentachlorob iphenyl (PCB 114) | [74472-37-0] | 1 | ng/mL | | |
| CS3, IUPAC# 118 | 2,3',4,4',5-Pentachloro biphenyl (PCB 118) | [31508-00-6] | 1 | ng/mL | | |
| CS3, IUPAC# 123 | 2',3,4,4',5-Pentachloro | [65510-44-3] | 1 | ng/mL | | |

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| | biphenyl (PCB 123) | | | |
| CS3, IUPAC# 128 | 2,2',3,3',4,4'-Hexachlorobiphenyl (PCB 128) | [38380-07-3] | 1 | ng/mL |
| CS3, IUPAC# 138 | 2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138) | [35065-28-2] | 0,5 | ng/mL |
| CS3, IUPAC# 146 | 2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146) | [51908-16-8] | 1 | ng/mL |
| CS3, IUPAC# 149 | 2,2',3,4',5',6'-Hexachlorobiphenyl (PCB 149) | [38380-04-0] | 1 | ng/mL |
| CS3, IUPAC# 151 | 2,2',3,5,5',6'-Hexachlorobiphenyl (PCB 151) | [52663-63-5] | 1 | ng/mL |
| CS3, IUPAC# 153 | 2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153) | [35065-27-1] | 1 | ng/mL |
| CS3, IUPAC# 156 | 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 156) | [38380-08-4] | 1 | ng/mL |
| CS3, IUPAC# 157 | 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157) | [69782-90-7] | 1 | ng/mL |
| CS3, IUPAC# 158 | 2,3,3',4,4',6'-Hexachlorobiphenyl (PCB 158) | [74472-42-7] | 0,5 | ng/mL |
| CS3, IUPAC# 167 | 2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167) | [52663-72-6] | 1 | ng/mL |
| CS3, IUPAC# 170 | 2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170) | [35065-30-6] | 1 | ng/mL |
| CS3, IUPAC# 172 | 2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172) | [52663-74-8] | 1 | ng/mL |
| CS3, IUPAC# 177 | 2,2',3,3',4',5,6-Heptachlorobiphenyl (PCB 177) | [52663-70-4] | 1 | ng/mL |
| CS3, IUPAC# 178 | 2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178) | [52663-67-9] | 1 | ng/mL |
| CS3, IUPAC# 180 | 2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180) | [35065-29-3] | 1 | ng/mL |
| CS3, IUPAC# 183 | 2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183) | [52663-69-1] | 1 | ng/mL |
| CS3, IUPAC# 187 | 2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187) | [52663-68-0] | 1 | ng/mL |
| CS3, IUPAC# 189 | 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189) | [39635-31-9] | 1 | ng/mL |
| CS3, IUPAC# 194 | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194) | [35694-08-7] | 1 | ng/mL |

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| | achlorobiphenyl (PCB 194) | | | |
| CS3, IUPAC# 195 | 2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195) | [52663-78-2] | 1 | ng/mL |
| CS3, IUPAC# 196 | 2,2',3,3',4,4',5',6-Octachlorobiphenyl (PCB 196) | [42740-50-1] | 0,5 | ng/mL |
| CS3, IUPAC# 199 (BZ 201) | 2,2',3,3',4,5,5',6'-Octachlorobiphenyl (PCB 199) (BZ# 201) | [52663-75-9] | 1 | ng/mL |
| CS3, IUPAC# 203 | 2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203) | [52663-76-0] | 0,5 | ng/mL |
| CS3, IUPAC# 206 | 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206) | [40186-72-9] | 1 | ng/mL |
| CS3, IUPAC# 209 | 2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB 209) | [2051-24-3] | 1 | ng/mL |
| CS3, IUPAC# 25 | 1,2,3,4-Tetrachlorodibenzop-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 |
| CS3, IUPAC# 28 | 2,4,4'-Trichlorobiphenyl (13C12,99%) (IUPAC #28) | [208263-76-7] | 75 | ng/mL |
| CS3, IUPAC# 52 | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 75 | ng/mL |
| CS3, IUPAC# 101 | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 75 | ng/mL |

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| | biphenyl (13C12,99%) (I UPAC #101) | | | |
| CS3, IUPAC# 105 | 2,3,3',4,4'-Pentachloro biphenyl (13C12,99%) (I UPAC #105) | [208263-62-1] | 75 | ng/mL |
| CS3, IUPAC# 114 | 2,3,4,4',5-Pentachlorob iphenyl (13C12,99%) (IU PAC #114) | [208263-63-2] | 75 | ng/mL |
| CS3, IUPAC# 118 | 2,3',4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #118) | [104130-40-7] | 75 | ng/mL |
| CS3, IUPAC# 123 | 2',3,4,4',5-Pentachloro biphenyl (13C12,99%) (I UPAC #123) | [208263-64-3] | 75 | ng/mL |
| CS3, IUPAC# 128 | 2,2',3,3',4,4'-Hexachlo robiphenyl (13C12,99%) (IUPAC #128) | [38380-07-3]/un labelled | 75 | ng/mL |
| CS3, IUPAC# 138 | 2,2',3,4,4',5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 75 | ng/mL |
| CS3, IUPAC# 153 | 2,2',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #153) | [185376-58-3] | 75 | ng/mL |
| CS3, IUPAC# 156 | 2,3,3',4,4',5-Hexachlor obiphenyl (13C12,99%) (IUPAC #156) | [208263-68-7] | 75 | ng/mL |
| CS3, IUPAC# 157 | 2,3,3',4,4',5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #157) | [235416-30-5] | 75 | ng/mL |
| CS3, IUPAC# 167 | 2,3',4,4',5,5'-Hexachlo robiphenyl (13C12,99%) (IUPAC #167) | [208263-69-8] | 75 | ng/mL |
| CS3, IUPAC# 170 | 2,2',3,3',4,4',5-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #170) | [35065-30-6]/un labelled | 75 | ng/mL |
| CS3, IUPAC# 178 | 2,2',3,3',5,5',6-Heptac hlorobiphenyl (13C12,99 %) (IUPAC #178) | [232919-67-4] | 75 | ng/mL |

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| CS3, IUPAC# 180 | 2,2',3,4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #180) | [208263-72-3] | 75 | ng/mL |
| CS3, IUPAC# 189 | 2,3,3',4,4',5,5'-Heptachlorobiphenyl (13C12,99%) (IUPAC #189) | [208263-73-4] | 75 | ng/mL |
| CS3, IUPAC# 194 | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12,99%) (IUPAC #194) | [208263-74-5] | 75 | ng/mL |
| CS3, IUPAC# 206 | 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (13C12,99%) (IUPAC #206) | [208263-75-6] | 75 | ng/mL |
| CS3, IUPAC# 209 | Decachlorobiphenyl (13C12,99%) (IUPAC #209) | [105600-27-9] | 75 | ng/mL |