

Date Received: _____

Certificate of Analysis

Rev 0

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
133901-02	348815	≤ -10 °C	Isooctane	30-Jun-2021	Custom PCB Mix, 40-3901, 10 mg/L, 4 x 1 ml
-4PAK					

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
4-chlorobiphenyl (BZ# 3)	2051-62-9	100	688.5.6P	10.08 ± .21 mg/l
2,4'-dichlorobiphenyl (BZ# 8)	34883-43-7	99.6	535.5.6P	10.1 ± .54 mg/l
2,2',3,3',4',5,6-heptachlorobiphenyl (BZ# 177)	52663-70-4	100	833.5.2.6P	9.96 ± .16 mg/l
2,2',3,3',4,4',5-heptachlorobiphenyl (BZ# 170)	35065-30-6	99	526.4.2P	9.9 ± .24 mg/l
2,2',3,4',5,5',6-heptachlorobiphenyl (BZ# 187)	52663-68-0	99	542.4.2.1P	10.14 ± .17 mg/l
2,2',3,4,4',5',6-heptachlorobiphenyl (BZ# 183)	52663-69-1	99	664.5.5.6P	9.9 ± .52 mg/l
2,2',3,4,4',5,5'-heptachlorobiphenyl (BZ# 180)	35065-29-3	98.2	527.286.1P	10.04 ± .19 mg/l
2,3,3',4,4',5,5'-heptachlorobiphenyl (BZ# 189)	39635-31-9	100	656.5.4.2P	10.05 ± .16 mg/l
2,2',3,3',4,4'-hexachlorobiphenyl (BZ# 128)	38380-07-3	99.7	523.5.1.3P	10.02 ± .19 mg/l
2,2',3,4',5',6-hexachlorobiphenyl (BZ# 149)	38380-04-0	99.9	811.5.5.3P	10.04 ± .21 mg/l
2,2',3,4',5,5'-hexachlorobiphenyl (BZ# 146)	51908-16-8	99	808.421.1P	9.818 ± .2 mg/l
2,2',3,4,4',5'-hexachlorobiphenyl (BZ# 138)	35065-28-2	99.4	541.421.1P	10.02 ± .19 mg/l
2,2',3,5,5',6-hexachlorobiphenyl (BZ# 151)	52663-63-5	99.6	813.5.3.3P	10.06 ± .16 mg/l
2,2',4,4',5,5'-hexachlorobiphenyl (BZ# 153)	35065-27-1	97	525.257.1P	10.11 ± .16 mg/l
2,3',4,4',5,5'-hexachlorobiphenyl (BZ# 167)	52663-72-6	99.4	655.3.4P	10.03 ± .17 mg/l
2,3,3',4,4',5-hexachlorobiphenyl (BZ# 156)	38380-08-4	99	659.421.1P	10.03 ± .17 mg/l



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Manufacture Date 26-Jun-2018

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.

This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.

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Lot No.: 348815

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Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
2,3,3',4,4',5'-hexachlorobiphenyl (BZ# 157)	69782-90-7	98.8	654.421.3P	10.05 ± .26 mg/l
3,3',4,4',5,5'-hexachlorobiphenyl (BZ# 169)	32774-16-6	99	660.421.2P	10.06 ± .17 mg/l
2,2',3,3',4,4',5,5',6-nonachlorobiphenyl (BZ# 206)	40186-72-9	99	530.5.1P	9.979 ± .2 mg/l
2,2',3,3',4,4',5,5'-octachlorobiphenyl (BZ# 194)	35694-08-7	100	843.5.3P	10 ± .16 mg/l
2,2',3,3',4,4',5,6-octachlorobiphenyl (BZ# 195)	52663-78-2	99.8	529.5.4.5P	10.02 ± .18 mg/l
2,2',3,4,4',5,5',6-octachlorobiphenyl (BZ# 203)	52663-76-0	100	850.5.2.1P	9.96 ± .16 mg/l
2',3,4,4',5-pentachlorobiphenyl (BZ# 123)	65510-44-3	99.3	658.421.1P	10.06 ± .19 mg/l
2,2',3,5',6-pentachlorobiphenyl (BZ# 95)	38379-99-6	97	767.421.2.1P	10 ± .19 mg/l
2,2',4,4',5-pentachlorobiphenyl (BZ# 99)	38380-01-7	99.5	771.257.1.1P	9.962 ± .16 mg/l
2,2',4,5,5'-pentachlorobiphenyl (BZ# 101)	37680-73-2	99.3	520.257.1P	9.95 ± .16 mg/l
2,3,3',4,4'-pentachlorobiphenyl (BZ# 105)	32598-14-4	99	521.5.9P	9.94 ± .18 mg/l
2,3',4,4',5-pentachlorobiphenyl (BZ# 118)	31508-00-6	99.2	539.257.1P	10.01 ± .26 mg/l
2,3,3',4',6-pentachlorobiphenyl (BZ# 110)	38380-03-9	99.5	779.5.5P	9.89 ± .19 mg/l
2,3,4,4',5-pentachlorobiphenyl (BZ# 114)	74472-37-0	98.8	522.421.1P	9.959 ± .19 mg/l
2,3,3',4,6-pentachlorobiphenyl (BZ# 109)	74472-35-8	100	778.5.2P	10.06 ± .29 mg/l
3,3',4,4',5-pentachlorobiphenyl (BZ# 126)	57465-28-8	96.5	540.421.3P	10.04 ± .19 mg/l
2,2',3,5'-tetrachlorobiphenyl (BZ# 44)	41464-39-5	99.8	536.421.1P	10.03 ± .22 mg/l
2,2',5,5'-tetrachlorobiphenyl (BZ# 52)	35693-99-3	99.7	518.421.1P	9.97 ± .19 mg/l
2,3,4',6-tetrachlorobiphenyl (BZ# 64)	52663-58-8	100	740.5.2P	10.16 ± .29 mg/l
3,3',4,4'-tetrachlorobiphenyl (BZ# 77)	32598-13-3	98.4	538.4.1.1P	9.997 ± .16 mg/l
3,4,4',5-tetrachlorobiphenyl (BZ# 81)	70362-50-4	98	657.421.3.1P	10.12 ± .17 mg/l
2,4,4'-trichlorobiphenyl (BZ# 28)	7012-37-5	99	516.286.1P	10.18 ± .19 mg/l
2,2',5-trichlorobiphenyl (BZ# 18)	37680-65-2	99.7	515.5.5.2P	10.03 ± .19 mg/l
2,4,6-trichlorobiphenyl (BZ# 30)	35693-92-6	100	711.5.3P	10.04 ± .52 mg/l



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Compound

CAS No.

Purity (%) Neat Material Lot No.

Concentration



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