

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** P5306 **SAS No.:** P5306 **SDG NO.:** P5306

Instrument ID: ECD_L **Calibration Date(s):** 11/25/2024 11/25/2024
Calibration Times: 11:32 12:25

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL093233.D</u>		CF 075 = <u>PL093234.D</u>			
CF 050 = <u>PL093235.D</u>		CF 025 = <u>PL093236.D</u>		CF 005 = <u>PL093237.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1733160000	1808650000	1850720000	1925860000	1843070000	1832290000	4
4,4'-DDE	2221210000	2350500000	2360510000	2470590000	2293780000	2339320000	4
4,4'-DDT	1832790000	1947390000	1967960000	2054550000	1836470000	1927830000	5
Aldrin	2864930000	2979570000	3025940000	3161520000	3003890000	3007170000	4
alpha-BHC	3546710000	3634980000	3627190000	3670430000	3362830000	3568430000	3
alpha-Chlordane	2430330000	2540140000	2604520000	2738720000	2641650000	2591070000	4
beta-BHC	1384220000	1466250000	1517740000	1604570000	1575890000	1509730000	6
Decachlorobiphenyl	1636890000	1805930000	1768720000	1908190000	1572960000	1738540000	8
delta-BHC	3155870000	3296970000	3306540000	3378330000	3405360000	3308610000	3
Dieldrin	2424230000	2526570000	2583130000	2696740000	2585100000	2563150000	4
Endosulfan I	2275880000	2386120000	2450130000	2582940000	2475880000	2434190000	5
Endosulfan II	2033520000	2140370000	2196030000	2317560000	2214970000	2180490000	5
Endosulfan sulfate	1881360000	2004670000	2075560000	2212740000	2189070000	2072680000	7
Endrin	2015080000	2111400000	2119300000	2210550000	2031060000	2097480000	4
Endrin aldehyde	1649060000	1756470000	1821370000	1931170000	1874990000	1806610000	6
Endrin ketone	2123010000	2264080000	2312310000	2402800000	2244090000	2269260000	5
gamma-BHC (Lindane)	3326530000	3429060000	3428820000	3506080000	3202850000	3378670000	3
gamma-Chlordane	2443050000	2553070000	2611370000	2729700000	2544520000	2576340000	4
Heptachlor	2864790000	3012490000	3073870000	3224760000	3104640000	3056110000	4
Heptachlor epoxide	2543640000	2658750000	2760050000	2916940000	3004070000	2776690000	7
Methoxychlor	967946000	1047180000	1075670000	1125030000	1008580000	1044880000	6
Tetrachloro-m-xylene	2478960000	2567570000	2623850000	2737290000	2587160000	2598970000	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** P5306 **SAS No.:** P5306 **SDG NO.:** P5306

Instrument ID: ECD_L **Calibration Date(s):** 11/25/2024 11/25/2024
Calibration Times: 11:32 12:25

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL093233.D</u>		CF 075 = <u>PL093234.D</u>			
CF 050 = <u>PL093235.D</u>		CF 025 = <u>PL093236.D</u>		CF 005 = <u>PL093237.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2938310000	3008290000	2954750000	2869940000	2245840000	2803430000	11
4,4'-DDE	3669800000	3789570000	3752520000	3699990000	2988240000	3580020000	9
4,4'-DDT	3053250000	3213950000	3132520000	3008670000	2400480000	2961770000	11
Aldrin	4176660000	4246280000	4177830000	4064810000	3228690000	3978850000	11
alpha-BHC	4584280000	4598400000	4521370000	4323420000	3319640000	4269420000	13
alpha-Chlordane	3719860000	3823200000	3792490000	3768450000	3047300000	3630260000	9
beta-BHC	1761950000	1816770000	1832380000	1861530000	1621710000	1778870000	5
Decachlorobiphenyl	2704170000	2907150000	2926840000	3026130000	2717990000	2856460000	5
delta-BHC	4412200000	4529140000	4463710000	4313560000	3613930000	4266510000	9
Dieldrin	3827290000	3925470000	3861790000	3769600000	3043370000	3685500000	10
Endosulfan I	3413930000	3518860000	3499260000	3473610000	2809170000	3342970000	9
Endosulfan II	3179530000	3325230000	3323650000	3252480000	2764060000	3168990000	7
Endosulfan sulfate	2980440000	3120030000	3136930000	3121900000	2839030000	3039660000	4
Endrin	3285480000	3406140000	3321940000	3229670000	2703080000	3189260000	9
Endrin aldehyde	2545460000	2667110000	2697560000	2712350000	2489180000	2622330000	4
Endrin ketone	3347660000	3504860000	3520530000	3507430000	2904580000	3357010000	8
gamma-BHC (Lindane)	4399940000	4444240000	4357890000	4207630000	3289050000	4139750000	12
gamma-Chlordane	3799680000	3886170000	3841520000	3815830000	3182360000	3705110000	8
Heptachlor	4159950000	4268960000	4232300000	4183330000	3383120000	4045530000	9
Heptachlor epoxide	3721420000	3819960000	3803570000	3789800000	3076170000	3642180000	9
Methoxychlor	1485570000	1583520000	1588980000	1627540000	1349090000	1526940000	7
Tetrachloro-m-xylene	2925820000	2968760000	2977700000	3001480000	2546340000	2884020000	7