

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **Q1889** SAS No.: **Q1889** SDG NO.: **Q1889**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/23/2025** **04/23/2025**

Client Sample No. (PEM): **PEM - PL095439.D** Date Analyzed: **04/28/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **15:47**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.117	9.020	9.220	25.350	20.000	26.8
Tetrachloro-m-xylene	3.593	3.540	3.640	22.460	20.000	12.3
alpha-BHC	4.044	3.990	4.090	11.000	10.000	10.0
beta-BHC	4.561	4.510	4.610	11.190	10.000	11.9
gamma-BHC (Lindane)	4.373	4.320	4.420	11.270	10.000	12.7
Endrin	6.619	6.550	6.690	59.230	50.000	18.5
4,4'-DDT	7.065	6.990	7.140	117.390	100.000	17.4
Methoxychlor	7.536	7.470	7.610	269.500	250.000	7.8

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/23/2025** **04/23/2025**

Client Sample No. (PEM): **PEM - PL095439.D** Date Analyzed: **04/28/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **15:47**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.083	7.980	8.180	24.580	20.000	22.9
Tetrachloro-m-xylene	2.904	2.850	2.950	21.560	20.000	7.8
alpha-BHC	3.413	3.360	3.460	10.690	10.000	6.9
beta-BHC	4.040	3.990	4.090	11.130	10.000	11.3
gamma-BHC (Lindane)	3.747	3.700	3.800	10.730	10.000	7.3
Endrin	5.801	5.730	5.870	51.780	50.000	3.6
4,4'-DDT	6.198	6.130	6.270	107.280	100.000	7.3
Methoxychlor	6.769	6.700	6.840	230.890	250.000	-7.6