

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 - PL095474.D** Date Analyzed: **04/29/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **12:38**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.118	9.020	9.220	25.490	20.000	27.5
Tetrachloro-m-xylene	3.594	3.540	3.640	22.620	20.000	13.1
alpha-BHC	4.044	3.990	4.090	11.130	10.000	11.3
beta-BHC	4.562	4.510	4.610	11.240	10.000	12.4
gamma-BHC (Lindane)	4.375	4.320	4.430	11.360	10.000	13.6
Endrin	6.621	6.550	6.690	56.870	50.000	13.7
4,4'-DDT	7.066	7.000	7.140	112.730	100.000	12.7
Methoxychlor	7.537	7.470	7.610	257.830	250.000	3.1

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

Client Sample No. (PEM): **PEM - PL095474.D** Date Analyzed: **04/29/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **12:38**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.082	7.980	8.180	24.570	20.000	22.9
Tetrachloro-m-xylene	2.904	2.850	2.950	21.880	20.000	9.4
alpha-BHC	3.413	3.360	3.460	11.020	10.000	10.2
beta-BHC	4.039	3.990	4.090	10.820	10.000	8.2
gamma-BHC (Lindane)	3.747	3.700	3.800	10.810	10.000	8.1
Endrin	5.802	5.730	5.870	51.110	50.000	2.2
4,4'-DDT	6.198	6.130	6.270	104.140	100.000	4.1
Methoxychlor	6.769	6.700	6.840	224.730	250.000	-10.1