

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **Q1858** SAS No.: **Q1858** SDG NO.: **Q1858**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088232.D** Date Analyzed: **04/23/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:59**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.074	8.970	9.170	22.760	20.000	13.8
Tetrachloro-m-xylene	3.551	3.500	3.600	24.350	20.000	21.8
alpha-BHC	4.000	3.950	4.050	11.070	10.000	10.7
beta-BHC	4.516	4.470	4.570	12.490	10.000	24.9
gamma-BHC (Lindane)	4.332	4.280	4.380	11.410	10.000	14.1
Endrin	6.576	6.510	6.650	59.370	50.000	18.7
4,4'-DDT	7.022	6.950	7.090	110.860	100.000	10.9
Methoxychlor	7.494	7.420	7.560	253.710	250.000	1.5

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088232.D** Date Analyzed: **04/23/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:59**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.076	7.980	8.180	21.870	20.000	9.4
Tetrachloro-m-xylene	2.882	2.830	2.930	23.960	20.000	19.8
alpha-BHC	3.395	3.340	3.450	12.380	10.000	23.8
beta-BHC	4.027	3.980	4.080	12.800	10.000	28.0
gamma-BHC (Lindane)	3.732	3.680	3.780	12.290	10.000	22.9
Endrin	5.792	5.720	5.860	53.740	50.000	7.5
4,4'-DDT	6.187	6.120	6.260	98.730	100.000	-1.3
Methoxychlor	6.757	6.690	6.830	195.720	250.000	-21.7