

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.06 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL Prep Date : 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.20	1.42	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	1.32		1	0.16	0.95	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	4.74		1	0.19	1.42	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.88	J	1	0.75	1.89	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	3.94		1	1.68	2.84	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.23	J	1	0.17	0.95	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.47	J	1	0.33	1.42	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.33	J	1	0.57	2.37	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.48	J	1	1.69	3.79	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Total AliphaticEPH	Total AliphaticEPH	11.2			2.97	8.52	mg/kg			
Total AromaticEPH	Total AromaticEPH	5.51	J		2.75	8.53	mg/kg			
Total EPH	Total EPH	16.8	J		5.73	17.0	mg/kg			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.23	J	1	0.17	0.95	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.47	J	1	0.33	1.42	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.33	J	1	0.57	2.37	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.48	J	1	1.69	3.79	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.3			40 - 140	97%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	51.0			40 - 140	102%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.7			40 - 140	83%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3618-01	Acq On:	17 Nov 2025 20:58
Client Sample ID:	EME-TOP-SOIL	Operator:	YP\AJ
Data file:	FF016728.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	323142	2.449	200	ug/ml
Aromatic C12-C16	6.379	9.083	663418	4.908	300	ug/ml
Aromatic C16-C21	9.084	13.405	3292837	24.621	500	ug/ml
Aromatic C21-C36	13.406	18.870	3082056	26.193	800	ug/ml
Aromatic EPH	4.502	18.870	7361453	58.171		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5476977	48.33		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3636638	50.99		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	6127038	41.72		ug/ml