



SAMPLE DATA

A

B

C

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

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	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

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	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									
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.20	1.42	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	1.32		1	0.16	0.95	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	4.74		1	0.19	1.42	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.88	J	1	0.75	1.89	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	3.94		1	1.68	2.84	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	49.0			40 - 140	98%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic 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:	FG016935.D	Misc:	
Instrument:	FID_G	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	472875	3.876	300	ug/ml
Aliphatic C12-C16	6.902	10.358	1718060	13.985	200	ug/ml
Aliphatic C16-C21	10.359	13.749	6637078	50.13	300	ug/ml
Aliphatic C21-C28	13.750	17.436	1287907	9.263	400	ug/ml
Aliphatic C28-C40	17.437	22.460	4736475	41.623	600	ug/ml
Aliphatic EPH	3.260	22.460	14852395	118.877		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.482	13.482	5899873	48.99		ug/ml
Aliphatic C9-C28	3.260	17.436	10115920	77.254	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 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	0.22	J	1	0.16	1.13	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.23	J	1	0.12	0.75	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	3.76		1	0.15	1.13	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	1	0.60	1.51	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.31		1	1.33	2.26	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.14	U	1	0.14	0.75	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.26	U	1	0.26	1.13	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.23		1	0.45	1.88	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.35	U	1	1.35	3.01	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Total AliphaticEPH	Total AliphaticEPH	6.52	J		2.36	6.78	mg/kg			
Total AromaticEPH	Total AromaticEPH	2.23	J		2.20	6.77	mg/kg			
Total EPH	Total EPH	8.75	J		4.56	13.6	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

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/17/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.14	U	1	0.14	0.75	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.26	U	1	0.26	1.13	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.23		1	0.45	1.88	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.35	U	1	1.35	3.01	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.7			40 - 140	111%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	60.0			40 - 140	120%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	56.7			40 - 140	113%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3618-02	Acq On:	17 Nov 2025 21:28
Client Sample ID:	EME-GENERAL-FILL	Operator:	YP\AJ
Data file:	FF016729.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	236155	1.79	200	ug/ml
Aromatic C12-C16	6.379	9.083	412341	3.051	300	ug/ml
Aromatic C16-C21	9.084	13.405	3954918	29.571	500	ug/ml
Aromatic C21-C36	13.406	18.870	1087970	9.246	800	ug/ml
Aromatic EPH	4.502	18.870	5691384	43.657		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	6316401	55.74		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	4277969	59.98		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	8321471	56.67		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 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									
Aliphatic C9-C12	Aliphatic C9-C12	0.22	J	1	0.16	1.13	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.23	J	1	0.12	0.75	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	3.76		1	0.15	1.13	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	1	0.60	1.51	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.31		1	1.33	2.26	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	50.4			40 - 140	101%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3618-02	Acq On:	17 Nov 2025 21:28
Client Sample ID:	EME-GENERAL-FILL	Operator:	YP\AJ
Data file:	FG016936.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	350788	2.875	300	ug/ml
Aliphatic C12-C16	6.902	10.358	381701	3.107	200	ug/ml
Aliphatic C16-C21	10.359	13.749	6605574	49.892	300	ug/ml
Aliphatic C21-C28	13.750	17.436	773898	5.566	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3481288	30.593	600	ug/ml
Aliphatic EPH	3.260	22.460	11593249	92.034		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.482	13.482	6066281	50.37		ug/ml
Aliphatic C9-C28	3.260	17.436	8111961	61.44	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	