

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

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Lab Sample ID:	Q3618-02		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	88.2
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/17/25	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