284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :		Prep Date : 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	4.37		1	1.57	2.66	mg/kg	FE056612.D	10/31/25 15:59	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	1.21	U	1	1.21	5.32	mg/kg	FE056612.D	10/31/25 15:59	PB170341
Total AliphaticEPH	Total AliphaticEPH	4.37	J		2.78	7.98	mg/kg			
Total EPH	Total EPH	4.37	J		2.78	7.98	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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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Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.21	U	1	1.21	5.32	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	4.37		1	1.57	2.66	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	35.3			40 - 140	70%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3495-02	Acq On:	31 Oct 2025 15:59
Client Sample ID:	SB-1025-2	Operator:	YP\AJ
Data file:	FE056612.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.227	6.853	124407	0.727	300	ug/ml
Aliphatic C12-C16	6.854	10.303	999881	5.594	200	ug/ml
Aliphatic C16-C21	10.304	13.679	911011	4.885	300	ug/ml
Aliphatic C21-C28	13.680	17.352	1318375	6.839	400	ug/ml
Aliphatic C28-C40	17.353	22.305	7857893	49.323	600	ug/ml
Aliphatic EPH	3.227	22.305	11211567	67.367		ug/ml
ortho-Terphenyl (SURR)	11.973	11.973	7363199	35.25		ug/ml
1-chlorooctadecane (SURR)	13.411	13.411	5973259	37.07		ug/ml
Aliphatic C9-C28	3.227	17.352	3353674	18.045	1200	ug/ml