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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169422BS			SDG No.:	Q2928
Lab Sample ID:	PB169422BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/27/25 09:20	08/27/25 15:25	PB169422

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	93.2	E	1	0.91	4.00	mg/kg	FE055536.D
Total EPH	Total EPH	93.2			0.91	4.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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 :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055536.D	1	08/27/25	08/27/25	PB169422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	93.2	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	29.9		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.4		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.3		40 - 140	87%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169422BS	Acq On:	27 Aug 2025 15:25
Client Sample ID:	PB169422BS	Operator:	YP\AJ
Data file:	FE055536.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.949	29391442	251.677	300	ug/ml
Aliphatic C12-C16	6.950	10.402	38556758	307.895	200	ug/ml
Aliphatic C16-C21	10.403	13.780	44468164	351.791	300	ug/ml
Aliphatic C21-C28	13.781	17.453	58677543	486.927	400	ug/ml
Aliphatic C28-C40	17.454	22.472	51156630	448.793	600	ug/ml
Aliphatic EPH	3.315	22.472	222250537	1850		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	6188096	43.33		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	4878678	45.37		ug/ml
Aliphatic C9-C28	3.315	17.453	171093907	1400	1200	ug/ml