

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/03/25
Project:	LOD-LOQ-MDL Study		Date Received:	11/03/25
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2025		SDG No.:	Q3530
Lab Sample ID:	Q3530-01		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	12/03/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.55	J	1	0.14	1.00	mg/kg	12/08/25	PB170799
Aliphatic C12-C16	Aliphatic C12-C16	0.41	J	1	0.11	0.67	mg/kg	12/08/25	PB170799
Aliphatic C16-C21	Aliphatic C16-C21	0.67	J	1	0.13	1.00	mg/kg	12/08/25	PB170799
Aliphatic C21-C28	Aliphatic C21-C28	0.84	J	1	0.53	1.33	mg/kg	12/08/25	PB170799
Aliphatic C28-C40	Aliphatic C28-C40	1.47	J	1	1.18	2.00	mg/kg	12/08/25	PB170799
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	17.9			40 - 140	36%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3530-01	Acq On:	08 Dec 2025 17:21
Client Sample ID:	LOD-MDL-SOIL-01-QT4-	Operator:	YP\AJ
Data file:	FF016863.D	Misc:	4PPM SOIL LOD
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.203	6.839	996179	8.179	300	ug/ml
Aliphatic C12-C16	6.840	10.282	770945	6.205	200	ug/ml
Aliphatic C16-C21	10.283	13.656	1318496	10.03	300	ug/ml
Aliphatic C21-C28	13.657	17.329	1734340	12.64	400	ug/ml
Aliphatic C28-C40	17.330	22.276	2445709	22.053	600	ug/ml
Aliphatic EPH	3.203	22.276	7265669	59.107		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.387	13.387	2053268	17.89		ug/ml
Aliphatic C9-C28	3.203	17.329	4819960	37.054	1200	ug/ml