

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	0.41	J	1	0.14	1.00	mg/kg	12/08/25	PB170799
Aliphatic C12-C16	Aliphatic C12-C16	0.32	J	1	0.11	0.67	mg/kg	12/08/25	PB170799
Aliphatic C16-C21	Aliphatic C16-C21	0.50	J	1	0.13	1.00	mg/kg	12/08/25	PB170799
Aliphatic C21-C28	Aliphatic C21-C28	0.63	J	1	0.53	1.33	mg/kg	12/08/25	PB170799
Aliphatic C28-C40	Aliphatic C28-C40	2.00	U	1	1.18	2.00	mg/kg	12/08/25	PB170799
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.1			40 - 140	40%	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 16:51
Client Sample ID:	LOD-MDL-SOIL-01-QT4-	Operator:	YP\AJ
Data file:	FF016862.D	Misc:	2.5PPM SOIL LOD
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.203	6.839	755730	6.205	300	ug/ml
Aliphatic C12-C16	6.840	10.282	590907	4.756	200	ug/ml
Aliphatic C16-C21	10.283	13.656	986202	7.502	300	ug/ml
Aliphatic C21-C28	13.657	17.329	1289814	9.401	400	ug/ml
Aliphatic C28-C40	17.330	22.276	1734735	15.642	600	ug/ml
Aliphatic EPH	3.203	22.276	5357388	43.506		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.386	13.386	2305874	20.09		ug/ml
Aliphatic C9-C28	3.203	17.329	3622653	27.864	1200	ug/ml