

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: HW1025-PT-PCB-SOIL
Lab Sample ID: Q3483-18
Analytical Method: 8082A
Sample Wt/Vol: 30.11 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected: 10/27/25
Date Received: 10/29/25
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	16.9	ug/kg	12/08/25 12:01	PB170627
11104-28-2	Aroclor-1221	4.00	U	1	4.00	16.9	ug/kg	12/08/25 12:01	PB170627
11141-16-5	Aroclor-1232	3.70	U	1	3.70	16.9	ug/kg	12/08/25 12:01	PB170627
53469-21-9	Aroclor-1242	4.00	U	1	4.00	16.9	ug/kg	12/08/25 12:01	PB170627
12672-29-6	Aroclor-1248	5.90	U	1	5.90	16.9	ug/kg	12/08/25 12:01	PB170627
11097-69-1	Aroclor-1254	7900	E	1	3.20	16.9	ug/kg	12/08/25 12:01	PB170627
37324-23-5	Aroclor-1262	5.00	U	1	5.00	16.9	ug/kg	12/08/25 12:01	PB170627
11100-14-4	Aroclor-1268	3.60	U	1	3.60	16.9	ug/kg	12/08/25 12:01	PB170627
11096-82-5	Aroclor-1260	3.20	U	1	3.20	16.9	ug/kg	12/08/25 12:01	PB170627
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.2			21 - 165	96%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.2			10 - 170	106%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit