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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW3-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	97.8
Sample Wt/Vol:	1.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	23000	U	5	23000	48700	ug/Kg	10/27/25 19:02	PB170246
108-95-2	Phenol	3300	U	5	3300	25100	ug/Kg	10/27/25 19:02	PB170246
111-44-4	bis(2-Chloroethyl)ether	3600	U	5	3600	25100	ug/Kg	10/27/25 19:02	PB170246
95-57-8	2-Chlorophenol	3600	U	5	3600	25100	ug/Kg	10/27/25 19:02	PB170246
95-48-7	2-Methylphenol	4400	U	5	4400	25100	ug/Kg	10/27/25 19:02	PB170246
108-60-1	2,2-oxybis(1-Chloropropane)	5500	U	5	5500	25100	ug/Kg	10/27/25 19:02	PB170246
98-86-2	Acetophenone	4400	U	5	4400	25100	ug/Kg	10/27/25 19:02	PB170246
65794-96-9	3+4-Methylphenols	6100	U	5	6100	48700	ug/Kg	10/27/25 19:02	PB170246
621-64-7	n-Nitroso-di-n-propylamine	7000	U	5	7000	11800	ug/Kg	10/27/25 19:02	PB170246
67-72-1	Hexachloroethane	2600	UQ	5	2600	25100	ug/Kg	10/27/25 19:02	PB170246
98-95-3	Nitrobenzene	2700	U	5	2700	25100	ug/Kg	10/27/25 19:02	PB170246
78-59-1	Isophorone	4800	U	5	4800	25100	ug/Kg	10/27/25 19:02	PB170246
88-75-5	2-Nitrophenol	8600	U	5	8600	25100	ug/Kg	10/27/25 19:02	PB170246
105-67-9	2,4-Dimethylphenol	9600	U	5	9600	25100	ug/Kg	10/27/25 19:02	PB170246
111-91-1	bis(2-Chloroethoxy)methane	4500	U	5	4500	25100	ug/Kg	10/27/25 19:02	PB170246
120-83-2	2,4-Dichlorophenol	4200	U	5	4200	25100	ug/Kg	10/27/25 19:02	PB170246
91-20-3	Naphthalene	3300	U	5	3300	25100	ug/Kg	10/27/25 19:02	PB170246
106-47-8	4-Chloroaniline	5200	U	5	5200	25100	ug/Kg	10/27/25 19:02	PB170246
87-68-3	Hexachlorobutadiene	3700	U	5	3700	25100	ug/Kg	10/27/25 19:02	PB170246
105-60-2	Caprolactam	7700	U	5	7700	48700	ug/Kg	10/27/25 19:02	PB170246
59-50-7	4-Chloro-3-methylphenol	4200	U	5	4200	25100	ug/Kg	10/27/25 19:02	PB170246
91-57-6	2-Methylnaphthalene	3800	U	5	3800	25100	ug/Kg	10/27/25 19:02	PB170246
77-47-4	Hexachlorocyclopentadiene	17100	U	5	17100	48700	ug/Kg	10/27/25 19:02	PB170246
88-06-2	2,4,6-Trichlorophenol	2900	U	5	2900	25100	ug/Kg	10/27/25 19:02	PB170246
95-95-4	2,4,5-Trichlorophenol	4300	U	5	4300	25100	ug/Kg	10/27/25 19:02	PB170246
92-52-4	1,1-Biphenyl	3200	U	5	3200	25100	ug/Kg	10/27/25 19:02	PB170246
91-58-7	2-Chloronaphthalene	3300	U	5	3300	25100	ug/Kg	10/27/25 19:02	PB170246
88-74-4	2-Nitroaniline	7100	U	5	7100	25100	ug/Kg	10/27/25 19:02	PB170246
131-11-3	Dimethylphthalate	4000	U	5	4000	25100	ug/Kg	10/27/25 19:02	PB170246
208-96-8	Acenaphthylene	4300	U	5	4300	25100	ug/Kg	10/27/25 19:02	PB170246
606-20-2	2,6-Dinitrotoluene	5000	U	5	5000	25100	ug/Kg	10/27/25 19:02	PB170246
99-09-2	3-Nitroaniline	6800	U	5	6800	25100	ug/Kg	10/27/25 19:02	PB170246
83-32-9	Acenaphthene	3100	U	5	3100	25100	ug/Kg	10/27/25 19:02	PB170246
51-28-5	2,4-Dinitrophenol	33800	U	5	33800	48700	ug/Kg	10/27/25 19:02	PB170246
100-02-7	4-Nitrophenol	15800	U	5	15800	48700	ug/Kg	10/27/25 19:02	PB170246
132-64-9	Dibenzofuran	3300	U	5	3300	25100	ug/Kg	10/27/25 19:02	PB170246
121-14-2	2,4-Dinitrotoluene	7400	U	5	7400	25100	ug/Kg	10/27/25 19:02	PB170246
84-66-2	Diethylphthalate	4200	U	5	4200	25100	ug/Kg	10/27/25 19:02	PB170246
7005-72-3	4-Chlorophenyl-phenylether	3900	U	5	3900	25100	ug/Kg	10/27/25 19:02	PB170246
86-73-7	Fluorene	3700	U	5	3700	25100	ug/Kg	10/27/25 19:02	PB170246
100-01-6	4-Nitroaniline	9500	U	5	9500	25100	ug/Kg	10/27/25 19:02	PB170246
534-52-1	4,6-Dinitro-2-methylphenol	15200	U	5	15200	48700	ug/Kg	10/27/25 19:02	PB170246

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Project:	RFP 905	Date Received:	10/23/25
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Lab Sample ID:	Q3447-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	97.8
Sample Wt/Vol:	1.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	4900	U	5	4900	25100	ug/Kg	10/27/25 19:02	PB170246
101-55-3	4-Bromophenyl-phenylether	4100	U	5	4100	25100	ug/Kg	10/27/25 19:02	PB170246
118-74-1	Hexachlorobenzene	3700	U	5	3700	25100	ug/Kg	10/27/25 19:02	PB170246
1912-24-9	Atrazine	5000	U	5	5000	25100	ug/Kg	10/27/25 19:02	PB170246
87-86-5	Pentachlorophenol	7600	U	5	7600	48700	ug/Kg	10/27/25 19:02	PB170246
85-01-8	Phenanthrene	3100	U	5	3100	25100	ug/Kg	10/27/25 19:02	PB170246
120-12-7	Anthracene	4900	U	5	4900	25100	ug/Kg	10/27/25 19:02	PB170246
86-74-8	Carbazole	4600	U	5	4600	25100	ug/Kg	10/27/25 19:02	PB170246
84-74-2	Di-n-butylphthalate	7100	U	5	7100	25100	ug/Kg	10/27/25 19:02	PB170246
206-44-0	Fluoranthene	4400	U	5	4400	25100	ug/Kg	10/27/25 19:02	PB170246
129-00-0	Pyrene	5300	U	5	5300	25100	ug/Kg	10/27/25 19:02	PB170246
85-68-7	Butylbenzylphthalate	10500	U	5	10500	25100	ug/Kg	10/27/25 19:02	PB170246
91-94-1	3,3-Dichlorobenzidine	5400	U	5	5400	48700	ug/Kg	10/27/25 19:02	PB170246
56-55-3	Benzo(a)anthracene	3400	U	5	3400	25100	ug/Kg	10/27/25 19:02	PB170246
218-01-9	Chrysene	2900	U	5	2900	25100	ug/Kg	10/27/25 19:02	PB170246
117-81-7	Bis(2-ethylhexyl)phthalate	8700	U	5	8700	25100	ug/Kg	10/27/25 19:02	PB170246
117-84-0	Di-n-octyl phthalate	12800	U	5	12800	48700	ug/Kg	10/27/25 19:02	PB170246
205-99-2	Benzo(b)fluoranthene	2800	U	5	2800	25100	ug/Kg	10/27/25 19:02	PB170246
207-08-9	Benzo(k)fluoranthene	3300	U	5	3300	25100	ug/Kg	10/27/25 19:02	PB170246
50-32-8	Benzo(a)pyrene	4400	U	5	4400	25100	ug/Kg	10/27/25 19:02	PB170246
193-39-5	Indeno(1,2,3-cd)pyrene	4300	U	5	4300	25100	ug/Kg	10/27/25 19:02	PB170246
53-70-3	Dibenzo(a,h)anthracene	4000	U	5	4000	25100	ug/Kg	10/27/25 19:02	PB170246
191-24-2	Benzo(g,h,i)perylene	3800	U	5	3800	25100	ug/Kg	10/27/25 19:02	PB170246
95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U	5	3800	25100	ug/Kg	10/27/25 19:02	PB170246
123-91-1	1,4-Dioxane	6700	U	5	6700	25100	ug/Kg	10/27/25 19:02	PB170246
58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	5	4000	25100	ug/Kg	10/27/25 19:02	PB170246
SURROGATES									
367-12-4	2-Fluorophenol	109			18 - 112	72%	SPK: 150		
13127-88-3	Phenol-d6	110			15 - 107	73%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.4			18 - 107	68%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.2			20 - 109	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	93.4			10 - 116	62%	SPK: 150		
1718-51-0	Terphenyl-d14	66.8			10 - 105	67%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	50500							
1146-65-2	Naphthalene-d8	184000							
15067-26-2	Acenaphthene-d10	107000							
1517-22-2	Phenanthrene-d10	179000							
1719-03-5	Chrysene-d12	141000							
1520-96-3	Perylene-d12	181000							
TENTATIVE IDENTIFIED COMPOUNDS									
000832-69-9	Phenanthrene, 1-methyl-	40100	J			12.0	ug/Kg		
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	168000	J			12.4	ug/Kg		

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Lab Sample ID:	Q3447-05			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	97.8
Sample Wt/Vol:	1.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	85700	J			12.4	ug/Kg		
001576-67-6	Phenanthrene, 3,6-dimethyl-	76300	J			12.5	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	111000	J			12.7	ug/Kg		
000483-65-8	Retene	155000	J			13.1	ug/Kg		
001235-74-1	Methyl dehydroabietate	21300	J			13.5	ug/Kg		
005835-26-7	Isopimaric acid	15200	J			13.8	ug/Kg		
001740-19-8	Dehydroabietic acid	100000	J			13.9	ug/Kg		

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
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products