



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

**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

CHEMTECH PROJECT NUMBER: P4495

MATRIX: Solid

METHOD: 8151A/3541

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.  The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5. Surrogate Recoveries Meet Criteria  If not met, list those compounds and their recoveries which fall outside the acceptable ranges.  The Surrogate recoveries met the acceptable criteria except for PT-HERB-SOIL [2,4-DCAA(1) - 184%], PT-HERB-SOILRE [2 and4-DCAA(1) - 191%] the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data.		✓	
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria  If not met, list those compounds and their recoveries which fall outside the acceptable range.  The MS {P4821-05MS} with File ID: PS028539.D recoveries met the requirements for all compounds except for Dalapon[57%], Dinoseb[9%], MCPA[69%], MCPP[64%], Pentachlorophenol[62%] and PICLORAM [60%] Due to matrix interference.  The MSD {P4821-05MSD} with File ID: PS028540.D recoveries met the acceptable requirements except for Dalapon[54%], Dinoseb[9%], MCPP[65%], Pentachlorophenol[63%] and PICLORAM [62%] Due to matrix interference.  The Blank Spike met requirements for all samples . The RPD met criteria .		✓	
7. Retention Time Shift Meet Criteria (if applicable)  Comments:			✓



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

		NA	NO	YES
8.	Extraction Holding Time Met		✓	
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Holding Times were met for all analysis.			

**ADDITIONAL COMMENTS:**

BP-F-2MS & MSD was reported with J flag on form 1 for Dinoseb based on reporting criteria of high concentration from both column. Now for other column compound detection is below MDL therefore it is not detecting on form 10.  
The soil samples results are based on a dry weight basis.

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QA REVIEW

\_\_\_\_\_  
Date