



TCLP TEST METHODS

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) EXTRACTION METHODS	DESCRIPTION	INSTRUMENTATION
EPA Method 1311	Determines the mobility of both organic and inorganic analytes present in liquid, solid, and multiphase wastes.	
EPA Method 1312	Synthetic Precipitation Leaching Procedure designed to determine the mobility of both organic and inorganic analytes present in liquids, soils, and wastes	
ASTM D3987 by Shake	Standard Test Method for Shake Extraction of Solid Waste with Water	

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) ANALYTICAL METHODS	DESCRIPTION	INSTRUMENTATION
EPA Method 1010 (ASTM D93, EN ISO 2719 and IP 34)	Pensky-Martens closed-cup tester to determine the flash point of liquids	Closed cup testers
EPA Method 1030 (SW-846)	Ignitability of Solids	
EPA Method 6010 (SW-846)	Determination trace elements in aqueous solutions	Inductively Coupled Plasma-Optical Emission Spectrometry
EPA Method 7471 (SW-846)	Mercury in Solid or Semisolid Wastes	Manual Cold-Vapor Technique
EPA Method 8081	Organochlorine Pesticides	Gas Chromatography
EPA Method 8082	Polychlorinated Biphenyls	Gas Chromatography
EPA Method 8260	Volatile Organic Compounds	Gas Chromatography/Mass Spectrometry (GC/MS)
EPA Method 8270	Semivolatile Organic Compounds	Gas Chromatography/Mass Spectrometry (GC/MS)
EPA Method 8321	Solvent-Extractable Nonvolatile Compounds	High-Performance Liquid Chromatography/Thermospray/ Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection
EPA Method 9010 (SW-846)	Total and Amenable Cyanide	Distillation
EPA Method 9012 (SW-846)	Total and Amenable Cyanide	Automated Colorimetric, With Off-Line Distillation
EPA Method 9014 (SW-846)	Cyanide in Waters and Extracts	Titrimetric and Manual Spectrophotometric
EPA Method 9045 (SW-846)	Soil and Waste pH	
EPA Method 9065 (SW-846)	Phenolics	Spectrophotometric, Manual 4-AAP with Distillation
EPA Method 9095	Paint Filter Liquids Test	