

Chemical Standards: TCLP Mixes

Product Specification

These chemical standards were developed in response to customer requests for suitable working solutions for US Environmental Protection Agency Solid Waste Method 1311, *Toxicity Characteristic Leaching Procedure*.

Raw materials used to manufacture these standards are 98% pure, or better, as determined by GC/MS and melting point determinations. Toxaphene and chlordane neat materials are subjected to infra red spectral analysis. TCLP mixes are clear solutions, except for the phenols mix which is pale yellow. Formulations are 1mL in volume in amber snap-top ampuls to retard deterioration.

Each TCLP standard is supplied with a certificate of analysis denoting the qualitative and quantitative characteristics of the product. Material safety data sheets are provided automatically with the first purchase of one of these products, and also are available on request.

Labeling on these Supelco analytical standards complies with requirements for domestic and international distribution. Packaging complies with OSHA*, WHMIS, and DOT requirements and meets all domestic and international requirements for transport, including 49 CFR, UPS Restrictive Guide, IATA, IMO and ICAO.

Ordering Information:

TCLP standards are available from inventory for immediate delivery. Order by referring to their catalog numbers.

TCLP Mixes

Acids Mix	Base/Neutrals Mix-A	Herbicides Mix	Pesticides Mix	Volatiles Mix
1000µg/mL in methanol 48142 <i>m</i> -Cresol <i>o</i> -Cresol <i>p</i> -Cresol 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol Pentachlorophenol	1000µg/mL in acetone 48947 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Nitrobenzene Pyridine	1000µg/mL in acetonitrile 48141 2,4-D (methyl ester) Silvex® (methyl ester)	1000µg/mL in methanol 48139 γ-BHC Endrin Heptachlor Heptachlor epoxide Methoxychlor	1000µg/mL in methanol 48143 Benzene Carbon tetrachloride Chlorobenzene Chloroform 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethylene Methyl ethyl ketone (5000µg/mL) Tetrachloroethylene Trichloroethylene Vinyl chloride
	Base/Neutrals Mix-B 1000 µg/mL in acetone 47989 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Nitrobenzene Pyridine			

Individual Analytes in Solution

Toxaphene 5000µg/mL in methanol 40111	Chlordane 5000µg/mL in methanol 40089	2,4,5-TP 100µg/mL in methanol 47897	2,4-D 100µg/mL in methanol 47896
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*Acronyms

CFR — Code of Federal Regulations

DOT — Department of Transportation

IATA — International Air Transport Association

ICAO — International Civil Aviation Organization

IMO — International Maritime Organization

OSHA — Occupational Safety and Health Administration

UPS — United Parcel Service

WHMIS — Workplace Hazardous Materials Information System

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The listing of documents available on ChromFax is updated every month. We encourage you to request a list of available ChromFax documents each time you use the ChromFax system.

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