



Petroleum Hydrocarbon Solutions

Need pricing? Call (USA) 978-363-2299
Or email Sitalab at: sales@site-lab.com



TOTAL PETROLEUM HYDROCARBONS TPH IN SOIL & WATER



TD-500D ANALYZER TPH-OIL CALIBRATION KIT

PART NO. CAL-056 - IN METHANOL
PART NO. CAL-056H - IN HEXANE
PART NO. CAL-056S - IN SURFACTANT

Available in Methanol, Hexane or Surfactant

Use CAL-056 for all soil and sediment applications using methanol solvent for sample extraction. Use CAL-056H for all crude oil in water applications using hexane solvent. For locations where solvents are prohibitive, use CAL-056S prepared using OIW Surfactant available from Turner Designs Hydrocarbon Instruments, Inc.

This product contains three linear calibration solutions used for accurate TD-500D analysis. A reference standard is also included for backup, used to make new calibration standards if necessary. Sitalab calibration kits are supplied with a 3-month or 6-month expiration date.

Detection Range:

Analyzer is calibrated to a 1-point curve, using a 100 ppm standard and is blanked/zeroed using clean solvent. The minimum detection limit for TPH-Oil is 5 ppm.

Applications:

Use for testing crude oil, waste oil, lubricating oil or other heavy petroleum hydrocarbons in the C15 to C50 range.

Correlates to:

Laboratory methods using U.S. EPA Methods 1664 and 9071B by Gravimetric, Method 418.1 by Infrared and some GC-FID methods.

Test Soil & Water using Sample Extraction Kits

Part No. EXTR010-20-TD500. Includes enough supplies to test up to 20 samples. Samples take 5 minutes to prepare and analyze.

Calibrators are reusable and can be tested at any time for quality control.

TPH-Oil is used on the Channel A optics. Readings are displayed in ppm units.



Certificate of Analysis, instructions and MSDS information is included.