



Petroleum Hydrocarbon Solutions

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

# OIL IN WATER CALIBRATION STANDARDS FOR TD-4100 MONITORS



**PRODUCT NO.**  
**CAL-TPH-XDC200**  
**CAL-TPH-XD2000**

Use to detect total petroleum hydrocarbons in the diesel and oil range.

**CAL-GRO-XDC200**  
**CAL-GRO-XD2000**

Use to detect gasoline range organics, BTEX or light-refined petroleum hydrocarbons.

Products contain a certified calibration solution used to prepare oil in water standards for Turner's TD-4100XDC and XD models. Use for applications where the source oil is unknown or unavailable. Standards are provided in methanol solvent and are specially formulated to produce accurate test results. All products have a 6-month expiration date.

**Detection Range:**  
TD-4100 is calibrated to a 1-point curve from zero to 10 ppm (mg/L). Process water is used for the blank and to prepare the calibration standard. The minimum detection limit is 0.5 ppm.

**East to Use and Quality Controlled:**  
Preparing the oil in water calibration standard using the Sitalab solution takes only a few minutes.

**Correlates to:**  
Laboratory methods using U.S. EPA Method 1664 by Gravimetric, Method 418.1 by Infrared and some GC-FID methods.

**Application:**  
A California desalination plant tests their intake water continuously, 24 hours a day, to ensure the ocean water is clean and oil free. Customer uses Sitalab's CAL-TPH-XDC200 product to prepare calibration standards using a TD-4100XDC monitor from Turner Designs.



**TURNER DESIGNS**  
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For more details, visit:  
[oilinwatermonitors.com](http://oilinwatermonitors.com)  
 Or call 559-253-1414



**CERTIFICATE OF ANALYSIS**

 Warning: Contains methanol solvent. MSDS is included.