

# Total Petroleum Hydrocarbons (TPH) in Soil

## Total Petroleum Hydrocarbons (TPH) in Soil 기름에 의한 토양오염 농도측정

### Instrumental Kit

**Ranges<sup>1</sup>:**  
**Unleaded Gasoline: 80-600 mg/kg**  
**Diesel: 60-400 mg/kg**  
**Brent Crude: 40-400 mg/kg**  
**Lube Oil: 120-1000 mg/kg**  
**BTEX: 16-140 mg/kg**  
**Leaded Gasoline: 80-520 mg/kg**  
**PAH (16 component mixture): 8-60 mg/kg**  
**Method: Friedel Crafts**

	Cat#
<b>RemediAid (TPH) Starter Kit (No Consumables)</b>	<b>I-9312</b>
RemediAid (TPH) Starter Kit comes in a plastic case and contains TPH Photometer, pocket scale, 3-channel timer, TPH reaction tube plug/snapper, tip-breaking tool, 4 AAA batteries, screwdriver, and instruction booklet.	
<b>RemediAid (TPH) Refill (for use with I-9312)</b>	<b>R-9310</b>
Refill comes in a cardboard box and contains 16 tests, two 30 g bottle of sodium sulfate, reagent blank ampoule, and MSDS.	
<b>NOTE: R-9310 TPH Refill must be purchased separately from I-9312.</b>	

Kit Components common to TPH	
Description	Cat#
Tip Breaking Tool (5 ea)	A-0197
Reagent Blank Ampoule Pack (2 ea)	A-0161 <sup>2</sup>
Sodium Sulfate, two 30 g bottles	A-0162
TPH Reaction Tube Plug/Snapper (1 ea)	A-0168



# Zinc

## Zinc 아연

### Instrumental Kits

**Multi-Analyte Photometers**  
**V-2000 / V-3000 Series**  
*(See page 11 for instrumental features)*

**Range: 0-3.00 ppm**  
**Method: Zincon**

	Cat#
<b>Vacu-vials Kit, Shelf-life 8 months</b>	<b>K-9903</b>
Kit comes in a cardboard box and contains everything needed to perform 30 tests: thirty ampoules, Indicator Solution, 25 mL sample cup, ampoule blank and instructions.	

**Range: 0-15.0 ppm**  
**Method: Zincon**

	Cat#
<b>Vacu-vials Kit, Shelf-life 8 months</b>	<b>K-9923</b>
Kit comes in a cardboard box and contains everything needed to perform 30 tests: thirty ampoules, Indicator Solution, 25 mL sample cup, ampoule blank and instructions.	

*Vacu-vials Kits require the use of a CHEMetrics Direct-Readout Photometer (photometers sold separately) or a spectrophotometer capable of accepting a 13 mm diameter round cell. See page 14 for details.*

Kit Components common to Zinc	
Description	Cat#
Sample Cup Pack, 25 mL (6 ea)	A-0013
Ampoule Blank Pack (5 ea)	A-0023

**Instructions and MSDS(s) are posted on our website.**  
*If no shelf-life is listed for a product, then the shelf-life is at least 2 years.*