

# Soils / Hazardous Waste Proficiency Testing



Upgrade to Convenient  
Studies, Quality  
Standards, and  
Unmatched Service



# Dependable, Convenient Soil/HW PT Standards

## Upgrade Your Soil/HW Testing

- Receive realistic standards in a matrix representative of your routine soil samples
- Order standards with compounds often not on other providers' lists
- Meet domestic and international accreditation requirements
- Find standards with analytes for all of your state-specific or TNI accreditation requirements

Find studies at  
[www.phenova.com/soils](http://www.phenova.com/soils)



## Phenova PT Guarantee

If your lab receives a Not Acceptable result in a Phenova PT Study and cannot pinpoint the issue, contact our technical support group. We will guide you through the most effective corrective action process and, if necessary, we will provide a FREE Phenova QC Standard to help get you back on track!

# The Phenova™ Promise in Action for Soils/HW Studies

At Phenova, we make a 3-part promise to you, our customers. These core principles drive our entire business, from manufacturing to our personalized technical support and innovative resources.

## Your Accreditation is Our Priority

All Phenova Soil/HW standards are compliant with EPA, TNI and/or state specific criteria. TCLP standards include RCRA specified analytes.

Depend on our Phenova PT Guarantee, so you can get corrective action guidance and, if needed, you'll even receive a FREE QC Standard

## Making Your Job Easy is Our Passion

You will receive your Phenova Soil/HW PT standards as 100% dry weight standards, so percent moisture analysis is not required.

Most Soil/HW standards are provided as 30 g standards in sufficient amounts for at least two methods, unless otherwise noted.

## Saving You Money Is Our Goal

In addition to saving time with these convenient standards, your lab can also decrease costs by switching to Phenova Soil/HW PT standards.

Search products at  
[www.phenova.com/soils](http://www.phenova.com/soils)

# Quality Products Backed by Decades of Experience

You depend on the products we provide to accurately and efficiently perform your analyses. As a testament to our commitment to your satisfaction, we hold our products to the most stringent quality requirements.

Phenova products are covered by one or all of the following quality certifications:

## ISO Guide 34:2009

General requirements for the competence of reference material producers.

**A2LA Cert No. 2427.02**

## ISO/IEC 17025:2005

General requirements for the competence of testing and calibration laboratories.

**A2LA Cert No. 2427.03**

## ISO/IEC 17043:2010

Conformity assessment – General requirements for proficiency testing.

**A2LA Cert No. 2427.01**

## TNI EL-V3-2009

General requirement for environmental proficiency testing providers.

**A2LA Cert No. 2427.01**



**Chemical Testing Laboratory**  
Certificate No. 2427.03



**Proficiency Testing Provider**  
Certificate No. 2427.01

**Reference Material Producer**  
Certificate No. 2427.02

View accreditation certificates at  
[www.phenova.com/quality](http://www.phenova.com/quality)

# Online Resources

## Technical Video Library

Watch quick, helpful videos to guide your corrective action process:

- Get troubleshooting tips from our Corrective Action videos
- Save time by isolating common problems of various studies



Watch Videos at:  
[www.phenova.com/correctiveaction](http://www.phenova.com/correctiveaction)

## Breaking News!

Get the scoop on the latest PT news and helpful resources:

- TNI Committee Updates
- State Program Announcements
- New PT Tools & Resources



Get the Latest News at:  
[www.phenova.com/news](http://www.phenova.com/news)

## Empower your lab with PT Manage™

Upload Data. Download Insight.

- Full Network Visibility
- Automatic LIMS Upload
- Downloadable CSV Files
- Easy Exception & DOC Reports

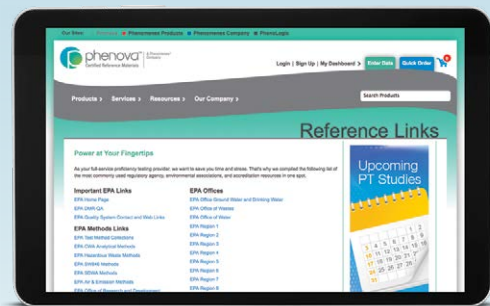


Take a virtual tour at  
[www.phenova.com/ptmanage](http://www.phenova.com/ptmanage)

## PT Reference Links

Find links to important PT resources in one spot:

- Commonly Used Regulatory Agency Pages
- Environmental Association Websites
- Accreditation Resources



Get power at your fingertips at  
[www.phenova.com/links](http://www.phenova.com/links)

# Ordering Information

## HW Inorganic Standards

| Ordering Information                        | Proficiency Testing | Quality Control  | Rapid Return™    |              |
|---|---------------------|------------------|------------------|--------------|
| Description                                 | Catalog Number      | Catalog Number   | Catalog Number   | Availability |
| <b>TNI Standards</b>                        |                     |                  |                  |              |
| SOIL/HW Anions                              | PT-AN-SOIL          | QC-AN-SOIL       | RR-AN-SOIL       | Q            |
| SOIL/HW Corrosivity/pH                      | PT-CORR-SOIL        | QC-CORR-SOIL     | RR-CORR-SOIL     | Q            |
| SOIL/HW Cyanide                             | PT-CN-SOIL          | QC-CN-SOIL       | RR-CN-SOIL       | Q            |
| SOIL/HW Flash Point                         | PT-FP-SOIL          | QC-FP-SOIL       | RR-FP-SOIL       | Q            |
| SOIL/HW Hexavalent Chromium                 | PT-CR6-SOIL         | QC-CR6-SOIL      | RR-CR6-SOIL      | Q            |
| SOIL/HW Metals                              | PT-MET-SOIL         | QC-MET-SOIL      | RR-MET-SOIL      | Q            |
| SOIL/HW Nutrients                           | PT-NUT-SOIL         | QC-NUT-SOIL      | RR-NUT-SOIL      | Q            |
| SOIL/HW Oil and Grease                      | PT-OGR-SOIL         | QC-OGR-SOIL      | RR-OGR-SOIL      | Q            |
| SOIL/HW TPH                                 | PT-TPH-SOIL         | QC-TPH-SOIL      | RR-TPH-SOIL      | Q            |
| <b>Non-TNI and State Specific Standards</b> |                     |                  |                  |              |
| SOIL/HW Amenable Cyanide                    | PT-CNA-SOIL         | QC-CNA-SOIL      | RR-CNA-SOIL      | Q            |
| SOIL/HW California WET Metals               |                     | QC-CAWETMET-SOIL | RR-CAWETMET-SOIL | RR           |
| SOIL/HW Nitrite as N                        | PT-NO2-SOIL         | QC-NO2-SOIL      | RR-NO2-SOIL      | Q            |
| SOIL/HW Particle Size                       | PT-PSA-SOIL         | QC-PSA-SOIL      | RR-PSA-SOIL      | Q            |
| SOIL/HW Perchlorate                         | PT-PERC-SOIL        | QC-PERC-SOIL     | RR-PERC-SOIL     | Q            |
| SOIL/HW Reactive Cyanide                    | PT-CNR-SOIL         | QC-CNR-SOIL      | RR-CNR-SOIL      | Q            |
| SOIL/HW Reactive Sulfide                    | PT-S2R-SOIL         | QC-S2R-SOIL      | RR-S2R-SOIL      | Q            |
| SOIL/HW Sand, Silt, and Clay                | PT-SSC-SOIL         | QC-SSC-SOIL      | RR-SSC-SOIL      | Q            |
| SOIL/HW Solids                              | PT-SOL-SOIL         | QC-SOL-SOIL      | RR-SOL-SOIL      | Q            |
| SOIL/HW Total Organic Halides (TOX)         | PT-TOX-SOIL         | QC-TOX-SOIL      | RR-TOX-SOIL      | Q            |
| SOIL/HW Total Sulfide                       | PT-S2T-SOIL         | QC-S2T-SOIL      | RR-S2T-SOIL      | Q            |
| SOIL/HW TCLP Metals                         |                     | QC-TCLPMET-SOIL  | RR-TCLPMET-SOIL  | Q            |

Items listed, including part numbers, TNI classifications, and availability, are subject to change. For the most up-to-date information, please visit [www.phenova.com](http://www.phenova.com).



**PT Availability**

M = Monthly

Q = Quarterly - Jan, Apr, Jul, Oct

6M = Jan, Feb, Apr, Jul, Aug, Oct

RR = Rapid Return™ or QC Standard Only

DMR-QA = Timeframe for DMR-QA

## HW Organic Standards

| Ordering Information                        | Proficiency Testing | Quality Control  | Rapid Return     |              |
|---|---------------------|------------------|------------------|--------------|
| Description                                 | Catalog Number      | Catalog Number   | Catalog Number   | Availability |
| <b>TNI Standards</b>                        |                     |                  |                  |              |
| SOIL/HW BNAs                                | PT-BNA-SOIL         | QC-BNA-SOIL      | RR-BNA-SOIL      | Q            |
| SOIL/HW BTEX                                | PT-BTEX-SOIL        | QC-BTEX-SOIL     | RR-BTEX-SOIL     | Q            |
| SOIL/HW Chlordane                           | PT-CHLR-SOIL        | QC-CHLR-SOIL     | RR-CHLR-SOIL     | Q            |
| SOIL/HW Diesel in Soil                      | PT-DIES-SOIL        | QC-DIES-SOIL     | RR-DIES-SOIL     | Q            |
| SOIL/HW Gasoline                            | PT-GAS-SOIL         | QC-GAS-SOIL      | RR-GAS-SOIL      | Q            |
| SOIL/HW Herbicides                          | PT-HERB-SOIL        | QC-HERB-SOIL     | RR-HERB-SOIL     | Q            |
| SOIL/HW PAHs                                | PT-PAH-SOIL         | QC-PAH-SOIL      | RR-PAH-SOIL      | Q            |
| SOIL/HW PAH-GC                              |                     | QC-PAHGC-SOIL    | RR-PAHGC-SOIL    | RR           |
| SOIL/HW PCBs                                | PT-PCB-SOIL         | QC-PCB-SOIL      | RR-PCB-SOIL      | Q            |
| SOIL/HW PCBs in Oil                         | PT-PCBO-SOIL        | QC-PCBO-SOIL     | RR-PCBO-SOIL     | Q            |
| SOIL/HW Pesticides                          | PT-PEST-SOIL        | QC-PEST-SOIL     | RR-PEST-SOIL     | Q            |
| SOIL/HW Toxaphene                           | PT-TXP-SOIL         | QC-TXP-SOIL      | RR-TXP-SOIL      | Q            |
| SOIL/HW Volatiles                           | PT-VOA-SOIL         | QC-VOA-SOIL      | RR-VOA-SOIL      | Q            |
| SOIL/HW VOA-GC Medium Level                 | PT-VOAMGC-SOIL      | QC-VOAMGC-SOIL   | RR-VOAMGC-SOIL   | Q            |
| <b>Non-TNI and State Specific Standards</b> |                     |                  |                  |              |
| SOIL/HW Carbamates                          |                     | QC-CARB-SOIL     | RR-CARB-SOIL     | Q            |
| SOIL/HW Explosives                          | PT-EXP-SOIL         | QC-EXP-SOIL      | RR-EXP-SOIL      | Q            |
| SOIL/HW Explosives by 8330B                 | PT-8330B-SOIL       | QC-8330B-SOIL    | RR-8330B-SOIL    | Q            |
| SOIL/HW Gasoline Additives                  | PT-ADD-SOIL         | QC-ADD-SOIL      | RR-ADD-SOIL      | Q            |
| SOIL/HW Glycols                             |                     | QC-GLYCOL-SOIL   | RR-GLYCOL-SOIL   | RR           |
| SOIL/HW Nitrogen Pesticides                 | PT-NP-SOIL          | QC-NP-SOIL       | RR-NP-SOIL       | Q            |
| SOIL/HW Organic Phosphorous Pesticides      | PT-OPP-SOIL         | QC-OPP-SOIL      | RR-OPP-SOIL      | Q            |
| SOIL/HW TCLP Herbicides                     |                     | QC-TCLPHERB-SOIL | RR-TCLPHERB-SOIL | Q            |
| SOIL/HW TCLP Pesticides                     |                     | QC-TCLPPEST-SOIL | RR-TCLPPEST-SOIL | Q            |
| SOIL/HW TCLP Semivolatiles                  |                     | QC-TCLPBNA-SOIL  | RR-TCLPBNA-SOIL  | Q            |
| SOIL/HW TCLP Volatiles                      |                     | QC-TCLPVOA-SOIL  | RR-TCLPVOA-SOIL  | Q            |

Items listed, including part numbers, TNI classifications, and availability, are subject to change. For the most up-to-date information, please visit [www.phenova.com](http://www.phenova.com).

Phenova offers a full-line of PT, QC and RapidReturn™ standards with a wide range of studies:

- Water Pollution
- Water Supply
- Microbiological
- UST
- Air & Emissions
- DMR-QA
- Biosolids

Get info at  
[www.phenova.com](http://www.phenova.com)



phenova™  
Certified Reference Materials

A Phenomenex®  
Company

**Corporate Office USA**

6390 Joyce Drive, Suite 100  
Golden, CO 80403

t: 866-942-2978

f: 866-283-0269

info@phenova.com

www.phenova.com

## Upgrade Your Soils/HW Proficiency Testing

[www.phenova.com/soils](http://www.phenova.com/soils)



BP16450913\_us

**Terms and Conditions**

Subject to Phenova Standard Terms & Conditions, which may be viewed at [www.phenova.com/TermsAndConditions](http://www.phenova.com/TermsAndConditions).

**Trademarks**

Phenova, Rapid Return, and PT Manage are trademarks of Phenova, Inc., an affiliate of Phenomenex.

**Disclaimers**

Information, descriptions and specifications in this publication are subject to change without notice. Phenova, Inc. is in no way affiliated with the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC), or The NELAC Institute (TNI).

© 2013 Phenova, Inc. All rights reserved.