

Microbiological Proficiency Testing



Simplify Your PTs with
Whole-Volume Standards,
Monthly Studies, and
Unmatched Service

Worry-Free, Whole-Volume Microbiological PT Standards

Traditional microbiological standards are supplied as lyophilized or dehydrated standards that must be rehydrated prior to analysis, requiring additional preparation time from your laboratory personnel. Phenova® Microbiological Standards are offered in realistic whole-volume formats to save you time and allow your laboratory to run PT standards as they are intended - as normal, everyday samples.

Upgrade to a Convenient Design and Dependable Availability

- Save time by eliminating the need for rehydration
- Flexibly analyze your PTs at your convenience - Phenova Micro standards are stable for up to 2 weeks
- Easily fit your PT studies into your lab's schedule with Phenova's convenient monthly WP and WS Micro (WPM / WSM) Studies
- Depend on consistent quality - Phenova manufactures and analytically verifies our micro standards every month



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 Microbiological 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 Microbiological Standards are compliant with EPA, TNI, and/or state specific criteria.

Accurately evaluate your laboratory's everyday competency with whole-volume standards that resemble true samples.

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

Phenova Whole-Volume Microbiological Standards resemble your everyday samples, allowing you to eliminate the steps required for lyophilized or dehydrated standards.

No relabeling – just open, pour, and go!

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 Microbiological PT standards.

Search products at
www.phenova.com/micro

Comprehensive Microbiological Offerings to Meet Your Needs

Water Pollution Microbiological (WPM) Standards

EPA/TNI Compliant

WP Micro Quantitative

Analyze this single quantitative sample for total coliforms, fecal coliforms, and *E. coli*. This standard can be used with all promulgated methods, including SM 9221, SM 9222, SM 9223, Quanti-Tray®, Colilert®, Colisure®, and chromogenic methods.

Concentration Range*: Certified number of colonies between 20 - 2,400 CFU/100 mL and MPN/100 mL

WP Enterococci

Analyze this single quantitative sample for *enterococci* and/or fecal *Streptococci*.

Concentration Range*: Certified number of colonies between 20 - 1,000 CFU/100 mL and MPN/100 mL

Non-TNI / State-Specific

WP Heterotrophic Plate Count

Delivered as a single quantitative sample for standard plate count methods, this standard may be used with both pour plate and Simplate® methods.

Concentration Range*: Certified number of colonies between 5.0 - 500 CFU/100 mL and MPN/100 mL

*TNI classifications and concentration ranges are subject to change. For the most up-to-date information, please visit www.phenova.com.

See Phenova Micro study schedule at
www.phenova.com/schedule





Water Supply Microbiological (WSM) Standards

EPA/TNI Compliant

WS Heterotrophic Plate Count

Delivered as a single quantitative sample for standard plate count methods, this standard may be used with both pour plate and Simplate® methods.

Concentration Range*: Certified number of colonies between 5.0 - 500 CFU/100mL and MPN/100 mL

WS Micro Presence/Absence

This ten standard set is designed for the analysis of total coliforms, fecal coliforms, and *E. coli*. These standards can be used for all presence/ absence methods, including SM 9222, SM 9223, SM 9221, Colilert®, Colisure®, and chromogenic methods per EPA and TNI requirements. The QC version of WS Micro P/A is supplied as a four standard set.

WS Source Water

Designed to meet EPA LT2 requirements, this single quantitative sample is to be analyzed for total coliforms, fecal coliforms, and *E. coli*. This standard can be used with all promulgated methods, including SM 9222, SM 9223, SM 9221, Quanti-Tray®, Colilert, Colisure, and chromogenic methods.

Concentration Range*: Certified number of colonies between 20 - 200 CFU/100 mL and MPN/100 mL

WS Micro – P/A and Quantitative

Based on state regulatory changes, Presence/Absence & Quantitative standards are no longer available as an inclusive standard. In response to labs that required the Quantitative and P/A 10 Samples Set for total coliforms, fecal coliforms, and *E.coli* determinations, Phenova now offers these as a two standard set. The set is conveniently provided as a Presence/Absence 10 Sample Set and a Single Source Water Quantitative Sample that significantly reduces your analytical time and the cost of materials for your laboratory. See WS Micro Presence/Absence and WS Source Water for more product details.

*TNI classifications and concentration ranges are subject to change. For the most up-to-date information, please visit www.phenova.com.

Non-TNI / State-Specific

WS Enterococci – Massachusetts Compliant

This ten standard set is designed to be analyzed for the presence/absence of *Enterococci* and is compliant with Massachusetts requirements for ground water monitoring (as specified in the Federal Ground Water Rule¹). The QC version of this standard is supplied as a three sample set. The results are reported as presence/absence for 10 standards.

Reference

¹National Primary Drinking Water Regulations: Ground Water Rule; Final Rule, Federal Register, 71, Fed. Reg. (November 8, 2006). Rules and Regulations, Environmental Protection Agency, 40 C.F.R. pts. 9, 141 and 142.

Comprehensive Microbiological Offerings to Meet Your Needs

DMR-QA Microbiological Standards

DMR-QA Micro

Analyze this single quantitative sample for total coliforms, fecal coliforms, and *E. coli*. This standard can be used with all promulgated methods including SM 9222, SM 9223, SM 9221, Quanti-Tray®, Colilert®, Colisure®, and chromogenic methods.

Concentration Range*: Certified number of colonies between 20 - 2,400 CFU/100 mL and MPN/100 mL

*TNI classifications and concentration ranges are subject to change. For the most up-to-date information, please visit www.phenova.com.

See Micro study schedule at
www.phenova.com/dmrqa

Biosolids Microbiological Standards

State Specific

Biosolids Micro-Class A


Analyze this single quantitative sample for total coliforms, fecal coliforms, and/or *E. coli*. Standard can be used with all promulgated methods for the determination of these in biosolids.

Concentration Range: Certified number of colonies between 50 - 1,000 CFU/g and MPN/g

Biosolids Micro-Class B

Single quantitative sample to be analyzed for total coliforms, fecal coliforms and/or *E. coli*. Standard can be used with all promulgated methods for the determination of these in biosolids.

Concentration Range: Certified number of colonies between 50,000 - 500,000 CFU/g and MPN/g



See Phenova Micro study schedule at
www.phenova.com/schedule

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

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

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:
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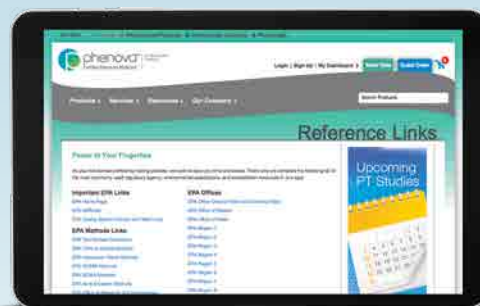


Take a virtual tour at
www.phenova.com/ptmanage

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

Ordering Information

Water Pollution Micro (WPM) Standards

Ordering Information	Proficiency Testing	Quality Control	Rapid Return™	
Description	Catalog Number	Catalog Number	Catalog Number	Availability
TNI Standards				
WP Micro Quantitative	PT-MIC-WP	QC-MIC-WP	RR-MIC-WP	M
WP Enterococci	PT-ENT-WP	QC-ENT-WP	RR-ENT-WP	M
Non-TNI and State Specific Standards				
WP Heterotrophic Plate Count	PT-HPC-WP	QC-HPC-WP	RR-HPC-WP	Q

Water Supply Micro (WSM) Standards

Ordering Information	Proficiency Testing	Quality Control	Rapid Return	
Description	Catalog Number	Catalog Number	Catalog Number	Availability
TNI Standards				
WS Heterotrophic Plate Count	PT-HPC-WS	QC-HPC-WS	RR-HPC-WS	M
WS Micro Presence/Absence	PT-MIC-WS	QC-MIC4-WS	RR-MIC-WS	M
WS Micro - P/A and Quantitative	PT-MICQSET-WS	QC-MICQSET-WS	RR-MICQSET-WS	M
WS Source Water	PT-SW-WS	QC-SW-WS	RR-SW-WS	M
Non-TNI and State Specific Standards				
WS Enterococci – MA Compliant	PT-ENTMA-WS	QC-ENTMA-WS	Not Allowed by MA	M

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.



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

DMR-QA Micro Standards

Ordering Information	Proficiency Testing	Quality Control	Rapid Return	
Description	Catalog Number	Catalog Number	Catalog Number	Availability
DMR-QA Microbiological Standards				
DMR-QA Micro Quantitative	PT-MIC-DMRQA	QC-MIC-DMRQA		DMR-QA

Biosolids Micro Standards

Ordering Information	Proficiency Testing	Quality Control	Rapid Return	
Description	Catalog Number	Catalog Number	Catalog Number	Availability
State Specific Standards				
Biosolids Micro - Class A	PT-MICA-WP	QC-MICA-WP	RR-MICA-WP	Q
Biosolids Micro - Class B	PT-MICB-WP	QC-MICB-WP	RR-MICB-WP	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.

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

- Soils / Hazardous Waste
- Water Pollution
- Water Supply
- Microbiological
- UST
- Air & Emissions
- DMR-QA
- Biosolids

Get info at
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

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www.phenova.com/micro

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