

# Phigenics Validation Test (PVT with ISO) Analytical Report

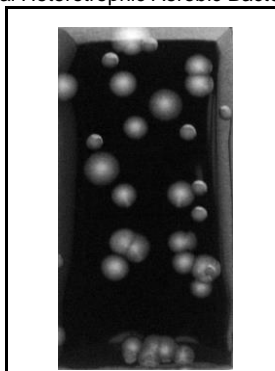
Method Used: TimeZero Method and ISO 11731 Spread Plate Method

Sample Information	
PASL #	10000
Date of Collection/Inoculation	2013/01/01
Date of Plating	2013/01/01
Date of Analysis	2013/01/11

Legionella Test Results			
<i>L. pneumophila</i> serogroup 1	<u>7</u>	CFU	<u>70</u> CFU/mL
<i>L. pneumophila</i> serogroups 2-14	<u>0</u>	CFU	<u>&lt;1</u> CFU/mL
<i>Legionella</i> species	<u>0</u>	CFU	<u>&lt;1</u> CFU/mL

Total Heterotrophic Aerobic Bacteria	
Total Heterotrophic Aerobic Bacteria	<u>***</u> <u>10<sup>3</sup></u> CFU/ml
Score	

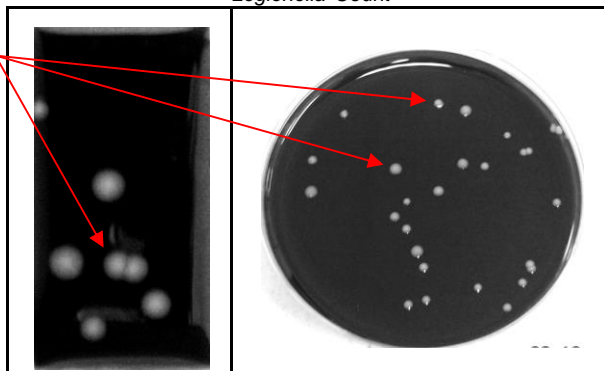
Total Heterotrophic Aerobic Bacteria



Growth media for viable total heterotrophic aerobic bacteria.

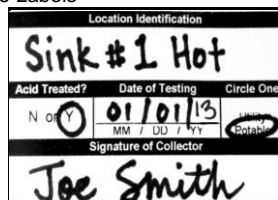
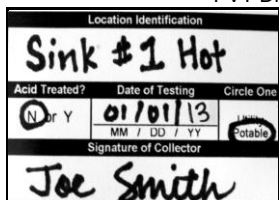
Confirmed *Legionella* colonies

*Legionella* Count



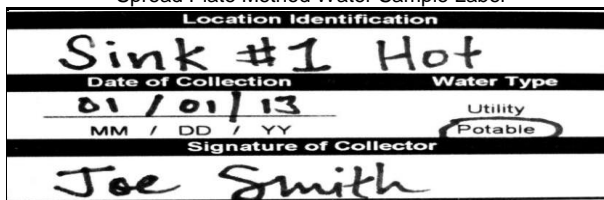
Growth media for viable *Legionella* recovery using PVT and ISO 11731 Spread Plate Method.

PVT Dipslide Labels



Notes: Dipslide received intact. ND indicates *Legionella* was not detected. Colonies tested positive for *Legionella* using the PVT (as shown above).

Spread Plate Method Water Sample Label



Notes: Colonies tested positive for *Legionella* using the ISO 11731 Spread Plate Method (as shown above).

Analyst Signature Seely Leonidas  
 Date 1/11/2013

Reviewer Signature William J. M. Coy  
 Date 1/11/2013

**Disclaimer:** The Phigenics ISO 11731 *Legionella* Method is a protocol for viable *Legionella* bacteria. Results from the Phigenics ISO 11731 *Legionella* Method do not necessarily provide enough evidence to ensure that hazards from pathogenic microorganisms have been eliminated or controlled nor that risk of harm from such hazards has been reduced. Results from the Phigenics ISO 11731 *Legionella* Method should only be interpreted within the context of properly designed and implemented water management plans. No guarantee regarding results is expressed or implied. THE PHIGENICS ISO 11731 *LEGIONELLA* METHOD AND THE RESULTS IT PRODUCES ARE PROVIDED ON AN "AS IS" BASIS. YOU ASSUME TOTAL RESPONSIBILITY AND RISK FOR YOUR USE OF THE PHIGENICS ISO 11731 *LEGIONELLA* METHOD AND PHIGENICS IS NEITHER RESPONSIBLE NOR LIABLE FOR ANY DAMAGES ARISING OUT OF YOUR USE OF THE PHIGENICS ISO 11731 *LEGIONELLA* METHOD.

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