

Phigenics Validation Test (PVT Premium) Analytical Report

Method Used: TimeZero Method, ISO 11731 Spread Plate Method, and PCR

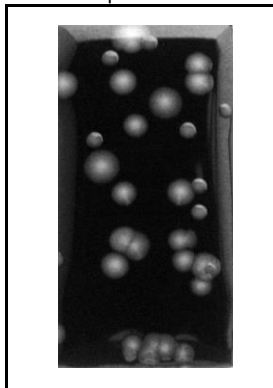
Sample Information	
PASL #	10000
Date of Collection/Inoculation	2013/01/01
Date of Plating	2013/01/01
Date of Analysis	2013/01/11

Molecular Marker Negative Screen	
<i>Legionella</i>	Detected

Total Heterotrophic Aerobic Bacteria	
Total Heterotrophic Aerobic Bacteria	*** 10 ³ CFU/ml
Score	

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

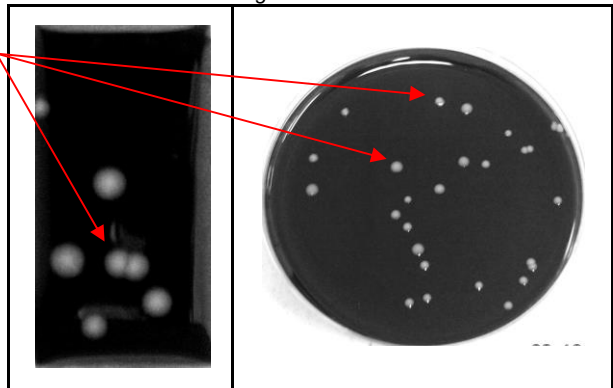
Total Heterotrophic Aerobic Bacteria



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

Location Identification		
Sink #1 Hot		
Acid Treated?	Date of Testing	Circle One
<input type="radio"/> N <input type="radio"/> Y	01/01/13	<input type="radio"/> ND <input type="radio"/> P
Signature of Collector		Potable
Joe Smith		

Location Identification		
Sink #1 Hot		
Acid Treated?	Date of Testing	Circle One
<input type="radio"/> N <input type="radio"/> Y	01/01/13	<input type="radio"/> ND <input type="radio"/> P
Signature of Collector		Potable
Joe Smith		

Spread Plate Method Water Sample Label

Location Identification	
Sink #1 Hot	
Date of Collection	Water Type
01/01/13	Utility <input type="radio"/> Potable <input checked="" type="radio"/>
Signature of Collector	
Joe Smith	

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

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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