



Phigenics
Validation Test®

PHIGENICS ANALYTICAL SERVICES LABORATORY
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A CDC ELITE Certified Laboratory

Facility Tested: Test Site
Date of Testing: 2019/01/01
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Validation Criteria:
Potable Water - Per the OSHA *Legionella* Technical Manual, the viable *Legionella* concentration should be less than 10 CFU/ml unless the water system serves immunocompromised or higher risk users which require a more stringent level of *Legionella* control (<1 CFU/ml).
Utility Water (such as cooling water) - Per the OSHA *Legionella* Technical Manual, the viable *Legionella* concentration should be less than 10 CFU/ml.
- The facility **Water Management Team** should review all options for Validation Criteria and choose its specific criteria based on the specific systems and users.

Phigenics Validation Test (ISO) Report Summary

Method Used: ISO 11731 Spread Plate Method

Legionella Caution Indicates *Legionella* was detected.
NO Concern No Shading Indicates results are better than the validation criteria.

PASL Number	Date Inoculated	Date Analyzed	Collector	Location Identification	Category (Potable/Utility)	Category Detail	Lpn S1	Lpn S2-14	Legionella Spp
							CFU/mL		
10000	2019/01/01	2019/01/11	J. Smith	Sink #1 Hot	Potable		62	<1	<1
10001	2019/01/01	2019/01/11	J. Smith	Sink #2 Cold	Potable		<1	<1	<1
10002	2019/01/01	2019/01/11	J. Smith	Sink #3 Hot	Potable		<1	<1	<1
10003	2019/01/01	2019/01/11	J. Smith	Sink #4 Cold	Potable		<1	<1	<1
10004	2019/01/01	2019/01/11	J. Smith	Sower #1 Hot	Potable		28	<1	<1
10005	2019/01/01	2019/01/11	J. Smith	Shower #2 Cold	Potable		<1	<1	<1
10006	2019/01/01	2019/01/11	J. Smith	Shower #3 Hot	Potable		<1	<1	<1
10007	2019/01/01	2019/01/11	J. Smith	Shower #4 Cold	Potable		<1	<1	<1
10008	2019/01/01	2019/01/11	J. Smith	Ice Machine #1	Potable		<1	<1	<1
10009	2019/01/01	2019/01/11	J. Smith	Ice Machine #2	Potable		<1	<1	<1
10010	2019/01/01	2019/01/11	J. Smith	Drinking Fountain #1	Potable		<1	<1	<1
10011	2019/01/01	2019/01/11	J. Smith	Drinking Fountain #2	Potable		<1	<1	<1
10012	2019/01/01	2019/01/11	J. Smith	Misting System	Potable		<1	<1	<1
10013	2019/01/01	2019/01/11	J. Smith	Cooling Tower #1	Utility		10	<10	<10
10014	2019/01/01	2019/01/11	J. Smith	Cooling Tower #2	Utility		<10	<10	<10
10015	2019/01/01	2019/01/11	J. Smith	Cooling Tower #3	Utility		50	<10	<10
10016	2019/01/01	2019/01/11	J. Smith	Evaporative Cooler #4	Utility		70	<10	<10

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.