



## FINAL REPORT

**ProAsys, Inc**  
318 Hendel Street  
Shillington, PA 19607  
P: (610) 775-1505

**Account #:** 3147  
**SPL Project ID:** 2306-01488  
**Project Name:** Philadelphia Charter  
**Sampled By:** AJ DiBiase  
**Date Received:** 06/22/2023  
**Date Final:** 06/29/2023

### Summary

This summary is provided for your convenience. Complete report on the following pages.

#### General Comments:

Philadelphia Charter School of Arts & Science

#### Environmental Culture Test-Legionella

Location	Result	Concentration	Species
1. Cooling Tower	Positive	10.0 CFU/mL	Legionella species, not pneumophila

Janet E. Stout, Ph.D.  
Laboratory Director, Special Pathogens Laboratory



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<b>Location:</b>	<b>1. Cooling Tower</b>	<b>Date Collected:</b> 06/21/2023
<b>Sample ID:</b>	2306-01488.001	<b>Sample Type:</b> Water
		<b>Time Collected:</b> 10:05 am
<b>Test Requested:</b>	Environmental Culture Test-Legionella	<b>Status:</b> Complete 06/29/2023
<b>Result:</b>	<b>Positive</b>	
<b>Concentration:</b>	10.0 CFU/mL	
<b>Species:</b>	Legionella species, not pneumophila	
<b>Date Processed:</b>	06/22/2023	
<b>Volume Examined:</b>	0.2 ml of processed sample	

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### NOTES

#### Environmental Culture Test-Legionella

- CFU/mL (or swab)=Colony Forming Units per milliliter or swab.
- The limit of detection (LOD)\* is approximately - 0.5 - 5 CFU/mL for Potable Water; 5 CFU/mL for Non-Potable Water (Cooling Towers); 0.5 - 5 CFU/mL for Hot Water Tanks; 10 -100 CFU/swab for Swabs.
- \* Sensitivity (LOD) may be affected if less than recommended sample volume is submitted for testing and if high concentration of non-Legionella bacteria are present in the sample. LOD values are mathematically derived according to the sample type, volume, and process.
- Results are reported as Not Detected, Positive, or Not Detected\*
- Not Detected\* The presence of Legionella could not be determined due to overgrowth of non-Legionella bacteria.
- Probable identification. Contact laboratory if further identification by 16S sequencing required.
- Method: ISO 11731:2017 (E). QA/QC performed on the date processed. Turnaround time is 7-10 days.
- Samples should be analyzed within 2 days of collection.
- Accredited by the American Association for Laboratory Accreditation (Cert. No. 2847.01) and CDC ELITE certified.
- Isolates saved upon request. Request must be received 1 week from receipt of report. Extra charges may apply.
- 'Project Name', 'Sampled By', 'Location', 'Date Collected', 'Time Collected' and 'Client Notes' are provided by the customer.

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The data and information on this, and other accompanying documents, represent only the sample(s) analyzed. This report is not to be reproduced in whole or in part without the expressed consent of SPL. Results apply to the sample as received.