

September 12, 2016

Round 60 Retest Results

Dear EMPAT Program Participant,

Please find enclosed the results of your performance for the AIHA Proficiency Analytical Testing (PAT) Programs, Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program.

Challenges included in re-test shipments, previously passed scoring acceptance criteria in the regular round shipments.

The following three reports are enclosed for the retest shipment of: **16-August-2016**

1. Your individual scored results
2. Profiles of the challenge organisms.
3. Laboratory Frequency Report that provides statistical summary of results from all participants in the round.

Scoring - Scoring is based on the following point system:

+9	Correctly identified at the genus level
+1	Correctly identified at the species level
-1	Incorrectly identified at the species level
-5	Incorrectly identified a second organism when only one was present, or identified one organism when two were present
0	Incorrectly identified at genus level

NOTE: Blank samples are not scored.

Each of testing (Fungi and Bacteria) has the possibility of achieving a maximum full credit correct score of 30.0 points. Additionally, it is important to be aware that taxonomical naming conventions do frequently change, and so to avoid confusion, the latest designation, as well as the former nomenclature should be used and properly notated when reporting results.

Scoring Deviations

R02F2-2016 - All participants received full credit for Genus and Species (10 points). AIHA programs published in the previous EMPAT Round 58 report that this sample could possibly be contaminated.

Participant Proficiency

The Proficiency Analytical Testing (PAT) Board oversees EMPAT proficiency testing. A participant be rated proficient for the applicable PT if the laboratory passes a minimum of two out of the last three consecutive EMPAT rounds. A passing round score in either PT category (Fungi, Bacteria) will require a minimum scoring percentage of 85%. Your score over the last three rounds is presented both numerically and graphically as part of the result report in order to show your current proficiency status.

General Announcements

Use your unique identifying EMPAT Number on all of your results forms and correspondence. We encourage you to maintain bacterial and fungal isolates in your culture collection for future reference.

Round 60 Retest Results

Stock Samples

To gain additional practice in identification techniques or to increase the size of your culture collection for future reference, it is possible to order EMPAT Samples from previous rounds (past two years). To do so, please complete a Stock Samples Order Form from www.aihapat.org and return it to Anthony Hodge with payment. Each set of stock samples comes with an organism profile.

Next Round

Round 61 will be shipped on **03-October-2016**.

If applicable, please check import permits to verify that they are current. Results can be sent via email to the EMPAT Database Management Coordinator at: empat@appenv.com.

Participant Updates

Please contact Anthony Hodge via email with any changes to your mailing and/or contact information. If not already provided, please include your fax number and email address.

Feedback

For feedback and questions about the EMPAT Program, please direct all EMPAT questions and correspondence to:

Angela Oler, ASQ CQA (Results Issues)

Director of Operations
AIHA Proficiency Analytical Testing Programs, LLC®
(703) 846-0765, aoler@aiha.org

Anthony Hodge (Enrollment Issues)

Manager of Operations
AIHA Proficiency Analytical Testing Programs, LLC®
703-846-0796, ahodge@aiha.org

AIHA PAT Programs wants to thank you for your participation in the EMPAT program.

Sincerely,

Marcia B. McConnell

Marcia B. McConnell
Division Manager
Laboratory Proficiency Programs
Applied Environmental, Inc.

AIHA EMPAT Individual Scoring Summary

Results as of:9/3/2016 12:35 PM

06/2016 Round60

Lab ID Number:100324

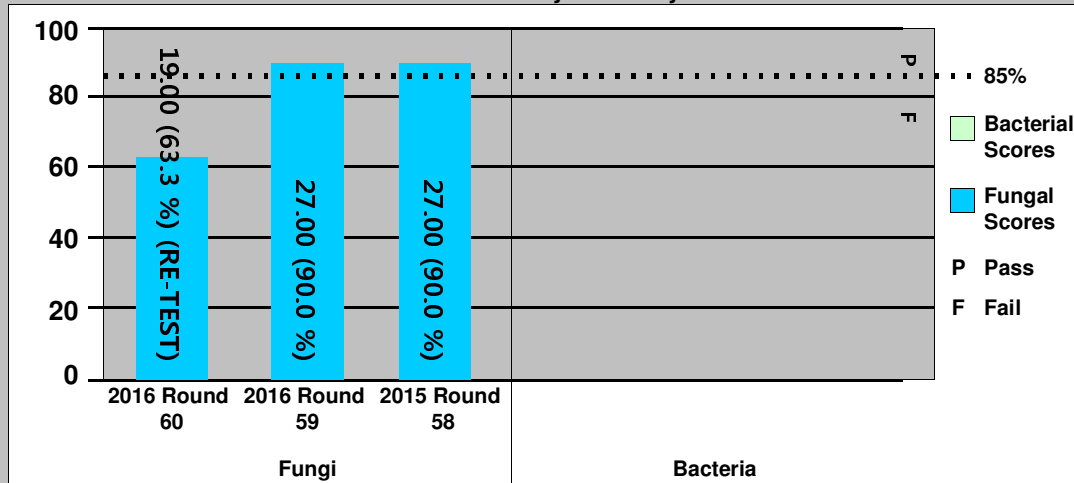
Lab Type:Fungi Only

Fungal Isolates							
Sample	Challenge Organism(s)	You Reported	Genus		Species		Total
			Correct	Score	Correct	Score	
R02F1-2016	1. Cladosporium sphaerospermum	1. Cladosporium	YES	9.000	NA	0.000	9.000
R02F2-2016	1. Aspergillus terreus	1.	NA	9.000	NA	1.000	10.000
R02F3-2016	1. Phoma glomerata	1. Sporobolomyces	NO	0.000	NA	0.000	0.000
Your Total Score				18.000		1.000	19.000
Maximum Possible Score				27.000		3.000	30.000
Proficiency for Round							63.3%

AIHA PAT Programs

EMPAT Testing Scores for the 06/2016 Shipment Lab Number: 100324

Proficiency Summary



Laboratory Proficiency Status:

The Proficiency Analytical Testing (PAT) Board oversees EMPAT proficiency testing. A laboratory will be rated proficient for the applicable PT category if the laboratory passes a minimum of two out of the last three consecutive EMPAT rounds. A passing round score in either PT category (Fungi, Bacteria) will require a minimum scoring percentage of 85%.

Fungi = Proficient			Bacteria = Not Rated		
63.3 %	90.0 %	90.0 %			
F	P	P			
2016 Round 60	2016 Round 59	2015 Round 58			

Scoring Notes:

SGS Galson Laboratories, Inc.
6601 Kirkville Road
East Syracuse, NY 13057

Laboratory Response Summary Report - All Labs

Results as of: 9/2/2016

6/2016 Round 60

EMPAT Sample Number: R02F1-2016

1. Cladosporium sphaerospermum

Identification Frequency **

Freq.	Organism
9	Cladosporium

Identification Summary**Genus Level**

Number of Labs Responding: 9
 Number of Labs Responding Correctly: 9
 Percent of Labs Responding Correctly: 100.0%

Species Level

Number of Labs Responding: 0
 Percent of Labs Responding: 0.0%
 Number of Labs Responding Correctly: 0
 Percent of Labs Responding Correctly: 0.0%

EMPAT Sample Number: R02F2-2016

1. Aspergillus terreus

Identification Frequency **

Freq.	Organism
9	No Results Reported

Identification Summary**Genus Level**

Number of Labs Responding: 0
 Number of Labs Responding Correctly: 0
 Percent of Labs Responding Correctly: 100.0%

Species Level

Number of Labs Responding: 0
 Percent of Labs Responding: 0.0%
 Number of Labs Responding Correctly: 0
 Percent of Labs Responding Correctly: 0.0%

EMPAT Sample Number: R02F3-2016

1. Phoma glomerata

Identification Frequency **

Freq.	Organism
4	Phoma
3	Phoma glomerata
1	Sporobolomyces
1	Aspergillus

Identification Summary**Genus Level**

Number of Labs Responding: 9
 Number of Labs Responding Correctly: 7
 Percent of Labs Responding Correctly: 77.7%

Species Level

Number of Labs Responding: 3
 Percent of Labs Responding: 33.3%
 Number of Labs Responding Correctly: 3
 Percent of Labs Responding Correctly: 100.0%

** Please note: "Other" category in identification frequencies may include identifications where genus is correct but species is incorrect.

Organism Profiles

Round 60 Retest, Panel 1

Fungi

R02F1-2016: Cladosporium sphaerospermum [ATCC 11288](#)

R02F2-2016: Aspergillus terreus [ATCC 1012](#)

R02F3-2016: Phoma glomerata

Isolation Conditions: 24°C, Potato Dextrose Agar medium

Macroscopic Morphology: Salmon to brown, wrinkled, flat with an opaque periphery

Microscopic Morphology: Pycnidia spherical to subspherical, may have a neck. Conidia typically ovoid or elliptical. Chlamydospores are muriform and found in branched or unbranched chains.

Environmental Sources and Notable Properties: *P. glomerata* is found in soil, dead seed coats, animal tissue, and inorganic materials. It is often found in association with fruit rots and leaf spots.