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September 13, 2018

Ms. Denise MacDuff
SGS - Galson Laboratories
6601 Kirkville Road
East Syracuse, NY 13057
USA

Dear Denise,

Thank you for participating in the AE0718 Air & Emissions Proficiency Testing Study. Enclosed is your final report, which has been carefully reviewed by the PT specialists at Phenova. This report presents some additional sections and features which will give you more information on the study data for the standards that were reported by your laboratory and more information regarding the overall performance of your laboratory in relation to other study participants.

The enclosed report is in two sections, the "Evaluation Report" and the "Statistical Report". The "Evaluation Report" contains the evaluation of your reported data as well the reported method, analysis date and analyst. The "Evaluation Report" is an updated and enhanced version of the reports you previously received at the conclusion of our PT studies. The "Statistical Report" contains your passing percentage as well as statistics from the study for the analytes reported by your laboratory.

For any analyte falling outside the established acceptance limits, our PT management staff would like to assist you in determining the most appropriate course of corrective action for your facility. Please contact us at any time if we may be of service to you.

Thank you again for participating in the AE0718 Air & Emissions Proficiency Testing Study. We appreciate working with you and look forward to our next study. If you have any questions, please call us at 866-942-2978.

Report Definitions:

Assigned Value

The Assigned Value is determined from the study mean, gravimetric and volumetric true concentration of an analyte to be analyzed, calculation and/or an appropriate reference value as stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Document (current version), the National Environmental Laboratory Accreditation Conference (NELAC) criteria (ref: NELAC FOT tables, NELAC PT Committee) and other documents distributed by accrediting

Evaluation Limits

Acceptance Limits are derived from fixed limits, coefficients, constants and calculations stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Documents (current version), the National Environmental Laboratory Accreditation Conference (NELAC) criteria (ref: NELAC PT FOT tables, NELAC PT Committee) and other documents distributed by accrediting agencies as applicable.

Evaluation

Acceptable

The reported value falls within the Acceptance Limits.

Not Acceptable

The reported value falls outside the Acceptance Limits.

No Evaluation

The reported value is non-numeric and can not be evaluated.

NR

As required by the NELAC standards and requested by state authorities, any analyte purchased but not reported by your facility is listed as NR (Not Reported).

***Study Mean and
Standard Deviation***

The mean and standard deviation are calculated from the study data using robust statistical calculations when possible. Other statistical calculations may be used if robust statistical calculations are not possible. The displayed values are independent of any statistical calculations required for the calculation of the analyte evaluation limits.

This report must not be reproduced except in full, without the written approval of Phenova.

This report must not be used to claim product certification, approval, or endorsement by the American Association for Laboratory Accreditation (A2LA) or any agency of the federal government.



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State Regulatory Agency Request(s):

No requests were made to send a copy of your AE0718 final results to a state agency.

Other Regulatory Agency Request(s):

No requests were made to send a copy of your AE0718 final results to an agency.

Third Party Request(s):

No requests were made to send a copy of your AE0718 final results to a third party.

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Final Report - Air & Emissions Proficiency Testing

Study: AE0718

Opening Date: July 23, 2018 - Closing Date: September 6, 2018

Laboratory: SGS - Galson Laboratories
6601 Kirkville Road
East Syracuse, NY 13057
USA

Contact: Ms. Denise MacDuff, QA Manager
315-671-3933

EPA Lab ID: NY00056

Particulates on Filter Paper (PT-PTC-AIR)										Lot #: 1058-31
NELAC Code	Analyte	Analysis Date	Analyst	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
3915	Particulates	8/13/2018	PAH		mod. NIOSH 0500	mg/filter	1500	1500	1350 - 1650	Acceptable
Major Ions on Air Filters (PT-AN-AIR)										Lot #: 1058-41
NELAC Code	Analyte	Analysis Date	Analyst	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
Additional State Specific Analytes										
1575	Chloride	8/9/2018	TMK		mod. OSHA ID-165SG	µg/HVF	490	599	343 - 637	Acceptable
1730	Fluoride	8/9/2018	TMK		mod. OSHA ID-165SG	µg/HVF	45.6	49.2	31.9 - 59.3	Acceptable
1810	Nitrate as N	8/9/2018	TMK		mod. OSHA ID-165SG	µg/HVF	84.8	101	59.4 - 110	Acceptable
2000	Sulfate	8/9/2018	TMK		mod. OSHA ID-165SG	µg/HVF	2270	2580	1590 - 2950	Acceptable



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PT Study Score Report

EPA ID: NY00056
 Laboratory: SGS - Galson Laboratories
 6601 Kirkville Road
 East Syracuse, NY 13057
 USA

Study Number	Number of Reported Results	Number of Passing Results	Percent Passing
AE0718	5	5	100%

Report Definitions:

- Number of Reported Results** The number of results reported which could be evaluated. Results receiving an evaluation of "NR" or "No Evaluation" are not included.
- Number of Passing Results** The number of results reported receiving an evaluation of "Acceptable" or "Check for Error".
- Percent Passing** The percentage of results reported receiving an evaluation of "Acceptable" or "Check for Error".

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Statistical Summary Report - Air & Emissions Proficiency Testing

Opening Date: July 23, 2018 - Closing Date: September 6, 2018

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East Syracuse, NY 13057
USA

Contact: Ms. Denise MacDuff, QA Manager
315-671-3933

EPA Lab ID: NY00056

Particulates on Filter Paper (PT-PTC-AIR) Lot #: 1058-31						
NELAC Code	Analyte	Units	Study Mean	Study Standard Deviation	Low Acceptance Limit %	High Acceptance Limit %
3915	Particulates	mg/filter	1500	0.608	90.0	110
Major Ions on Air Filters (PT-AN-AIR) Lot #: 1058-41						
NELAC Code	Analyte	Units	Study Mean	Study Standard Deviation	Low Acceptance Limit %	High Acceptance Limit %
Additional State Specific Analytes						
1575	Chloride	µg/HVF	503	51.4	70.0	130
1730	Fluoride	µg/HVF	46.9	3.09	70.0	130
1810	Nitrate as N	µg/HVF	88.9	6.84	70.0	130
2000	Sulfate	µg/HVF	2310	231	70.0	130