January 30, 2020

Dear Ms. Swab:

Your laboratory’s scores for the NYSDOH Bulk Asbestos by Light Microscopy Proficiency Test are enclosed.

The NYSDOH Environmental PT Program validates the fitness for use of each sample/analyte used in its PT studies. All analytes passed the assigned value verification and homogeneity evaluations prior to shipment for this study. After the study close date samples/analytes are evaluated again for fitness in conjunction with historic pass/fail rates. The evaluation procedures used to establish the assigned value are discussed in the ELAP Certification Manual Item 300. All analytes were determined to be fit for use as PT materials for this study.

The assigned value is the ‘made to’ value for the analyte. The mean for scoring is the participant consensus mean for fibers in air and for bulk asbestos. The acceptance limits are centered on the mean for scoring. The acceptance limits are calculated as plus/minus two times the standard deviation for Bulk Asbestos, and three times the standard deviation for Fibers in Air per ELAP Certification Manual Item 330.

Sample 4966
- Asbestos 5.2%
- Gypsum 77.5%
- Cellulose 11.9%
- Calcite 5.4%

Sample 3436
- Chrysotile 67%
- Aggregate 33%

Sample 5068
- Tremolite 8.8%
- Cellulose 75.3%
- Aggregate 15.9%

Sample 9929
- Cellulose 78.9%
- Aggregate 21.1%

The NYSDOH Environmental PT Program does not limit the usage of proficiency test reports by individuals or organizations. The NYSDOH Environmental PT Program only distributes PT reports to the participant and any organization selected by the participant for distribution.

Summary statistics by method, as well as, assigned value uncertainties may be requested by contacting the NYSDOH Environmental PT Program. Also, please provide us with your feedback on any issues related to the PT Program, including the current study. Direct any comments, requests, feedback, or questions to us at dehspt@health.ny.gov.

Sincerely,

Dan Dickinson, PT Program Coordinator
Division of Environmental Health Sciences
NYS DOH - Wadsworth Center
PO BOX 509, Albany NY 12201-0509
Phone: (518) 473-3383, Fax: (518) 473-8117
New York ELAP Proficiency Test Report

Lab Id: 11626  SGS GALSON, A DIVISION OF SGS NORTH AMERICA, INC.  6601 KIRKVILLE RD
EPA Lab Code:  EAST SYRACUSE, NY 13057-9672
NY00056  (315) 432-5227
Director:  MS. LISA SWAB

Shipment Date: 26-Nov-2019  Closing Date: 09-Jan-2020  Score Date: 29-Jan-2020

Shipment: 429  Asbestos in Bulk Samples and Fibers in Air by Light Microscopy

<table>
<thead>
<tr>
<th>Analyte Code</th>
<th>Units</th>
<th>Sample ID</th>
<th>Test Method</th>
<th>Result/Analysis Date</th>
<th>Mean/Assigned Value</th>
<th>Standard Deviation/Fixed %</th>
<th>Acceptance Limits</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fibers</td>
<td>%</td>
<td>1292</td>
<td>NIOSH 7400 A RULES</td>
<td>12/27/19</td>
<td>495</td>
<td>414</td>
<td>114</td>
<td>72.0 - 756</td>
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<tr>
<td>Fibers</td>
<td>%</td>
<td>2949</td>
<td>NIOSH 7400 A RULES</td>
<td>12/27/19</td>
<td>156</td>
<td>142</td>
<td>38.2</td>
<td>27.4 - 257</td>
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<tr>
<td>Fibers</td>
<td>%</td>
<td>3244</td>
<td>NIOSH 7400 A RULES</td>
<td>12/27/19</td>
<td>108</td>
<td>71.3</td>
<td>21.1</td>
<td>8.00 - 135</td>
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<tr>
<td>Fibers</td>
<td>%</td>
<td>6136</td>
<td>NIOSH 7400 A RULES</td>
<td>12/27/19</td>
<td>75.2</td>
<td>56.2</td>
<td>22.6</td>
<td>7.00 - 124</td>
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</tbody>
</table>

Overall Evaluation: Satisfactory

Sample: Solid and Hazardous Waste  Bulk Asbestos Sample (Identification)

<table>
<thead>
<tr>
<th>Analyte Code</th>
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<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Asbestos</td>
<td>%</td>
<td>3436</td>
<td>Item 198.1 of Manual Chrys</td>
<td>12/6/19</td>
<td>44.4</td>
<td>15.7</td>
<td>13% - 83%</td>
</tr>
<tr>
<td>Percent Asbestos</td>
<td>%</td>
<td>4496</td>
<td>Item 198.1 of Manual Amosite</td>
<td>12/6/19</td>
<td>6.85</td>
<td>3.72</td>
<td>1.0% - 14%</td>
</tr>
<tr>
<td>Percent Asbestos</td>
<td>%</td>
<td>5068</td>
<td>Item 198.1 of Manual Trem/Act</td>
<td>12/6/19</td>
<td>3.3</td>
<td>1.46</td>
<td>1.0% - 6.1%</td>
</tr>
</tbody>
</table>
New York ELAP Proficiency Test Report

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Director: MS. LISA SWAB

NYSDOH Wadsworth Center is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

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<th>Score</th>
</tr>
</thead>
</table>

Sample: Solid and Hazardous Waste  
Bulk Asbestos Sample (Identification)

| Percent Asbestos | Analyte Code: | % | 9929 | Item 198.1 of Manual | No Asb 0 | 12/6/19 | 0.00 | Satisfactory |

75 passed out of 75 reported results.

Overall Evaluation: Satisfactory

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