

# Crystalline Silica in Air

## by Fourier Transform Infrared (FTIR) Spectroscopy

NIOSH Method 7603

Sample Company  
Sample Contact  
000 Sample Street  
Suite 000  
Sample City, CA 00000

**Client ID:** 0000  
**Report Number:** M000000  
**Date Received:** 00/00/00  
**Date Analyzed:** 00/00/00  
**Date Printed:** 00/00/00  
**First Reported:** 00/00/00

**Job ID / Site:** Sample Site  
**Date(s) Collected:** 00/00/0

**SGSFL Job ID:** 0000-0  
**Total Samples Submitted:** 4  
**Total Samples Analyzed:** 4

| Sample Number | Lab Number | Volume  | Analyte             | Result         | Result Units | Reporting Limit* |
|---------------|------------|---------|---------------------|----------------|--------------|------------------|
| 01            | 30000000   | 1,000 L | Quartz              | < 10           | ug/m3        | 10               |
|               |            |         | Cristobalite        | < 10           | ug/m3        | 10               |
|               |            |         | Tridymite           | < 10           | ug/m3        | 10               |
|               |            |         | <b>Total Silica</b> | <b>&lt; 10</b> | <b>ug/m3</b> | <b>10</b>        |
| 02            | 30000000   | 799 L   | Quartz              | < 10           | ug/m3        | 10               |
|               |            |         | Cristobalite        | < 10           | ug/m3        | 10               |
|               |            |         | Tridymite           | < 10           | ug/m3        | 10               |
|               |            |         | <b>Total Silica</b> | <b>&lt; 10</b> | <b>ug/m3</b> | <b>10</b>        |
| 03            | 30000000   | 1,000 L | Quartz              | < 10           | ug/m3        | 10               |
|               |            |         | Cristobalite        | < 10           | ug/m3        | 10               |
|               |            |         | Tridymite           | < 10           | ug/m3        | 10               |
|               |            |         | <b>Total Silica</b> | <b>&lt; 10</b> | <b>ug/m3</b> | <b>10</b>        |
| BLANK         | 30000000   | NA      | Quartz              | < 10           | ug           | 10               |
|               |            |         | Cristobalite        | < 10           | ug           | 10               |
|               |            |         | Tridymite           | < 10           | ug           | 10               |
|               |            |         | <b>Total Silica</b> | <b>&lt; 10</b> | <b>ug</b>    | <b>10</b>        |

\* The reporting limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The units for the reporting limit are the same as the units for the final results.

### Laboratory Supervisor, Hayward Laboratory

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