

# Airborne Fiber Analysis

By Phase Contrast Microscopy  
NIOSH 7400, Issue 2, (A Counting Rules)



**Customer:** Scientific Analytical Institute, Inc.  
4604 Dundas Dr.  
Greensboro, NC 27407

**Attn:** Nathan Durham

**Lab Order ID:** 1407026

**Analysis ID:** 1407026\_PCM

**Date Received:** 4/22/2014

**Project:** SAI PCM Demonstration Report

**Date Reported:** 4/22/2014

Sample ID	Description	Volume	Fibers	Filter	LOD	Conc.
Lab Sample ID	Lab Notes	Filter Area	Fields	(Fibers / mm <sup>2</sup> )	(Fibers / cc)	(Fibers / cc)
20140422 - 01	Building 223 - Lobby	1528 L	< 5.5	< 7.0	0.0018	< 0.0018
1407026PCM_1		385 mm <sup>2</sup>	100			
20140422 - 02	Building 223 - Closet	1421 L	13	17	0.0019	0.0046
1407026PCM_2		385 mm <sup>2</sup>	100			
20140422 - 03	Building 223 - Hallway	1555 L	69	88	0.0017	0.022
1407026PCM_3		385 mm <sup>2</sup>	100			
20140422 - 04	Building 736 - Bedroom	1557 L	< 5.5	< 7.0	0.0017	< 0.0017
1407026PCM_4		385 mm <sup>2</sup>	100			
20140422 - 05	Building 736 - Hallway	1609 L	37	47	0.0017	0.011
1407026PCM_5		385 mm <sup>2</sup>	100			
20140422 - 06	Building 736 - Dining room	1340 L	77	98	0.0020	0.028
1407026PCM_6		385 mm <sup>2</sup>	100			
Blank - Field	Field Blank	0 L	< 5.5	< 7.0	N/A	N/A
1407026PCM_7		385 mm <sup>2</sup>	100			
Blank - Media	Media Blank	0 L	< 5.5	< 7.0	N/A	N/A
1407026PCM_8		385 mm <sup>2</sup>	100			

This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190 Unless otherwise noted blank sample correction was not performed on analytical results. (Laboratory precision: Sr: 0.45)

Matt Thomas (8)

Analyst

Approved Signatory