



3701 Plano Parkway, Suite 150 / Plano, Texas 75075  
 P: 972-390-8014 – F: 979-705-7611

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<b>Client:</b> St. Michael & All Angels Episcopal Church & School	<b>Job #:</b> 5411.02
<b>Project:</b> Phase 1 A (Rms 101 thru 110)	<b>Lab Job #:</b>
<b>Address:</b> 8011 Douglas Avenue Dallas, TX 75225	<b>Rotometer #:</b> Saul 1 <b>Calibration Date:</b> 03-Jul-2023
<b>PPE:</b> Disposable Suit; Safety Glasses; Gloves; Safety Footwear	<b>Microscope ID:</b> CX43RF

Sample Number	Sample Location	Activity	On Flow Rate LPM	Off Flow Rate LPM	Start Time	Stop Time	Total Time Min.	Volume	Fibers/Field	Fibers/CC
D21715	Room 101	Baseline 1	9.66	9.66	10:29	13:00	151	1,459	4.5/100	<0.005
D21716	Room 104	Baseline 2	9.66	9.66	10:36	13:04	148	1,430	6.5/100	<0.005
D21717	Room 105	Baseline 3	9.66	9.66	10:42	13:03	141	1,362	5.5/100	<0.005
D21718	FB	-----	-----	-----	-----	-----	-----	-----	0.0/100	<0.005
D21719	FFB	-----	-----	-----	-----	-----	-----	-----	0.0/100	<0.005
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GENERAL INFORMATION	SAMPLE ACTIVITY		SAMPLE LOCATION		CHAIN OF CUSTODY	
FIELD AREA = 0.00785 sq. mm	BL = Baseline (1,250 L)	PR = Prep	IC = Inside Containment	HE = HEPA Exhaust	Collected By: C. Saul Nazario	Date: 16-Dec-2023
LPM=Liters Per Minute	AB = Abatement (include material)	GB = Glovebag	OC = Outside Containment	EX - Building Exterior	Submitted By:	Date:
FILTER AREA = 385 sq. mm	CL = Cleaning	FC = Final Clearance (1,250 L)	CR = Decon Clean Room	PS = Personal	Received By:	Date:
OLM = Overloaded Mixed	BK = Blank	BO = Bag Out	IWA= Inside Work Area OWA= Outside Work Area	STEL = Short Term Exposure Limit	Analyzed By: C. Saul Nazario	Date: 16-Dec-2023

NIOSH 7400 Method - "A" Counting Rules

Fibers/CC=Fibers Cubic Centimeter based on the following equation for a 25 mm filter cassette:

LOQ=Limit of Quantitation based on 10 fibers/100 fields

$$\frac{\text{fibers/field} \times (385 \text{mm}^2 / 1 \text{ filter}) \times (1 \text{ field} / 0.00785 \text{mm}^2)}{\text{flowrate in liters} \times \text{sample time in minutes} \times (1000 \text{cc} / 1 \text{ liter})}$$

flowrate in liters x sample time in minutes x (1000cc/1 liter)



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<b>Client:</b> St. Michael & All Angels Episcopal Church & School	<b>Job #:</b> 5411.02
<b>Project:</b> Phase 1 A-B (Rms 101 thru 110; Library & Theater; Rms 13 thru 21; Office; Nurse Station)	<b>Lab Job #:</b>
<b>Address:</b> 8011 Douglas Avenue Dallas, TX 75225	<b>Rotometer #:</b> Saul 1 <b>Calibration Date:</b> 03-Jul-2023
<b>PPE:</b> Disposable Suit; Safety Glasses; Gloves; Safety Footwear	<b>Microscope ID:</b> CX43RF

Sample Number	Sample Location	Activity	On Flow Rate LPM	Off Flow Rate LPM	Start Time	Stop Time	Total Time Min.	Volume	Fibers/Field	Fibers/CC
D21720	School Reception Area	Baseline 4	9.66	9.66	10:58	13:30	152	1,468	3.5/100	<0.005
D21721	School Nurse Station	Baseline 5	9.66	9.66	11:09	13:34	145	1,401	2.0/100	<0.005
D21722	School 2nd Reception Area Entrance	Baseline 6	9.66	9.66	11:14	13:38	144	1,391	3.0/100	<0.005
D21727	FB	-----	-----	-----	-----	-----	-----	-----	0.0/100	<0.005
D21728	FFB	-----	-----	-----	-----	-----	-----	-----	0.0/100	<0.005
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GENERAL INFORMATION	SAMPLE ACTIVITY		SAMPLE LOCATION		CHAIN OF CUSTODY	
FIELD AREA = 0.00785 sq. mm	BL = Baseline (1,250 L)	PR = Prep	IC = Inside Containment	HE = HEPA Exhaust	Collected By: C. Saul Nazario	Date: 18-Dec-2023
LPM=Liters Per Minute	AB = Abatement (include material)	GB = Glovebag	OC = Outside Containment	EX - Building Exterior	Submitted By:	Date:
FILTER AREA = 385 sq. mm	CL = Cleaning	FC = Final Clearance (1,250 L)	CR = Decon Clean Room	PS = Personal	Received By:	Date:
OLM = Overloaded Mixed	BK = Blank	BO = Bag Out	IWA= Inside Work Area OWA= Outside Work Area	STEL = Short Term Exposure Limit	Analyzed By: C. Saul Nazario	Date: 19-Dec-2023

NIOSH 7400 Method - "A" Counting Rules

Fibers/CC=Fibers Cubic Centimeter based on the following equation for a 25 mm filter cassette:

LOQ=Limit of Quantitation based on 10 fibers/100 fields

$$\frac{\text{fibers/field} \times (385 \text{mm}^2 / 1 \text{ filter}) \times (1 \text{ field} / 0.00785 \text{mm}^2)}{\text{flowrate in liters} \times \text{sample time in minutes} \times (1000 \text{cc} / 1 \text{ liter})}$$

flowrate in liters x sample time in minutes x (1000cc/1 liter)