

#23052670

Analysis Report prepared for

EnviroMed Services, Inc.

470 Murdock Avenue **Box 13** Meriden, CT 06450

Phone: (203) 238-4846

IH-23-1788 Servicemaster by Williams 3 Memorial Drive Winchendon, MA

Collected: December 4, 2023 Received: December 5. 2023 Reported: December 5, 2023

We would like to thank you for trusting Hayes Microbial for your analytical needs! We received 8 samples by FedEx in good condition for this project on December 5th, 2023.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. Information supplied by the customer can affect the validity of results. These results apply only to the samples as received. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC.

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Steve Hayes, BSMT(ASCP) Laboratory Director

Hayes Microbial Consulting, LLC.

Stephen N. Hoyes



Lab ID #188863



DPH License: #PH-0198

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IH-23-1788

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Particle Analysis

Sample Number*	1	Α	.1	2	Α	2	3	А	3	4	Α	4
Sample Name* 3rd Floor Lobby Middle School		2nd Floor Lobby Middle School			Main Lobby			High School C134-144 East Hall				
Sample Volume*	150.00 liter 7 particles/m³			150.00 liter 7 particles/m³			150.00 liter 7 particles/m³			150.00 liter 7 particles/m³		
Reporting Limit												
Particle	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Dander	96	640	96%	116	773	92.8%	160	1067	95.2%	192	1280	98%
Cellulose Fibers	1	7	1%	4	27	3.2%	3	20	1.8%	1	7	<1%
Synthetic Fibers				1	7	<1%	2	13	1.2%	1	7	<1%
Aciniform-like Soot	t territoria, in territor and a significant for the global devices provides debiasses trap					Act 1 10 00 00 00 10 10 10 10 10 10 10 10 1			Controller of the site of the second of the			
Ash and Char-like Soot	1	7	1%	2	13	1.6%						
Fiberglass	,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					***************************************	Z com programative factorists come to \$6.00 in 9.00 file attractive	4			TO SECURE THE SECURE OF THE SE	
Wood Fibers												
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Plant Hair	electropy for 1.00 M handeted 100 miles a common to the delectropy			A Fortunation to the second section of the second		entre de la companya		engi amato na tao ami wasani iyamaanini a sasa ii mwasani ii a a		THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	georgian promopoj, i voja dipromografi kratikali i kramana polik i vom i voja (k. k. k.	
Animal Hair						N * 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			A			
Human Hair			erteration, positioned to define at the transfer of the depotent	gjan koristi etik tra kut mendigi tri ji qibatimis tra moqati agin yo				and the companion of the control of				
Feather Barbule												
Opaque Particles	e some a communication access											
Silicates	2	13	2%	2	13	1.6%	3	20	1.8%	2	13	1%
Gypsum					1							
Talc		Control of the construction of the control of the c					The same of the same frameworks are same fill of frameworks				and the control of the site of	No. of the Contract of the Con
Mineral Salts	mana an an amin'ny faritr'i Andrew de Andrew (an Andrew			2 - 4 - W 10 10 10 10 10 10 10		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Ann a control of the second		
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Carpet Beetle Larvae												
Dust Mites / Parts	Anna anna ann an an Aire ann an Aire ann an ann an ann an ann an ann an ann an a											
Insect Parts												
Insect Frass												
Ink / Toner										Fig. 2 and a second leader when the delication of the field of the delication of the second of the s		
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* indicates data provided by the customer



Total

Collected: Dec 4, 2023

Project Analyst:

Ramesh Poluri, PhD

667

100%

100

Received: Dec 5, 2023

833

Date: 12 - 05 - 2023

100%

Reviewed By:

Reported: Dec 5, 2023

1120

168

Steve Hayes, BSMT

100%

196

Date:

1307

12 - 05 - 2023

125

100%

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Particle Analysis

This test is not covered under our AIHA LAP, LLC Scope of Accreditation.

Sample Number*	5	A	5	6	Α	6	7	Α	7	8	A	8
Sample Name*	Hall		High School C329-337 East Hall 150.00 liter			Cafeteria 150.00 liter			Outdoor Baseline 150.00 liter			
Sample Volume*												
Reporting Limit		7 particles/m	3	7 particles/m³			7 particles/m³			7 particles/m³		
Particle	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Dander	144	960	96.6%	72	480	93.5%	30	200	88.2%	10	67	62.5%
Cellulose Fibers	2	13	1.3%	2	13	2.6%	1	7	2.9%	1	7	6.3%
Synthetic Fibers	1	7	<1%									
Aciniform-like Soot												
sh and Char-like Soot	1	7	<1%		Activities of the control of the con	and the second of the second	1	7	2.9%	1	7	6.3%
Fiberglass												
W ood Fibers					Andrewski state of the second	######################################					:	
Pollen							1	7	2.9%			
Plant Hair												
Animal Hair			digawangangan garangan sakaran sakaran Lambaran sakaran sakar		el e a que que en			**************************************				
Human Hair												
Feather Barbule				1	7	1.3%						A
Opaque Particles					***************************************)				
Silicates	1	7	<1%	2	13	2.6%	1	7	2.9%	4	27	25%
Gypsum		eperation and accommodate	* · · · · · · · · · · · · · · · · · · ·			farmania i man	:		iga - Arabaya Arabaya arabaya - Arabaya Arabaya - Arabaya Arabaya - Arabaya arabaya -		the special control of the control o	
Talc												
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Rust												
Carpet Beetle Larvae						**************************************	and the second and desired and the second and the s		{			
Dust Mites / Parts			Part name of the control of the cont		at an access of a contract of the contract of	† · · · · · · · · · · · · · · · · · · ·		Properties of the control of the con			†	
Insect Parts		er formannen er				**************************************						
Insect Frass		A per conserva for continued take you shall	· · · · · · · · · · · · · · · · · · ·			Processor of the first contract of the contrac		\$110 mm - 110 mm - 120 mm - 12				2
Ink / Toner	<u>.</u>											
Starch						in a service constant		· · · · · · · · · · · · · · · · · · ·				
Total	149	994	100%	77	513	100%	34	228	100%	16	108	100%

^{*} indicates data provided by the customer



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Ramesh Poluri, PhD

? Ramesh

Date: 12 - 05 - 2023

Reviewed By:

Steve Hayes, BSMT

Date:

12 - 05 - 2023

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Total Particulate Analysis Information

Our Total Particulate Analysis test is based on the initial screening procedures from ASTM #D6602. Our Lab only uses light, polarized light, and phase contrast microscopy. No SEM or X-ray defraction is performed. Below are some guidelines to help find totals for the most common particle counts analyzed by light microscopy.

Particle		Air *	Surface *
Dander	Home (Carpeted Areas)	1,000-6,000 / M ³	10,000-16,000 / cm ²
	Home (Hard Surface Areas)	500-5,000 / M ³	5,000-16,000 / cm ²
	Office or Classroom (Carpeted)	4,000-12,000 / M ³	14,000-24,000 / cm ²
	Office or Classroom (Hard Surface Areas)	3,000-10,000 / M ³	12,000-20,000 / cm ²
Cellulose Fibers		0-250 / M ³	0-1,600 / cm ²
Synthetic Fibers		0-250 / M ³	0-1,600 / cm ²
Fiberglass Fibers		0-60 / M ³	0-400 / cm ²
Gypsum Fibers		0-400 / M ³	0-1,800 / cm ²
Talc		0-250 / M ³	0-2,000 / cm ²
Dust Mites (parts)		0-30 / M ³	0-200 / cm²
Insect Parts		0-30 / M ³	0-200 / cm ²
Animal Hair		0-30 / M ³	0-200 / cm ²
Wood Fibers		0-60 / M ³	0-200 / cm²
Plant Hairs		0-60 / M ³	0-200 / cm ²
Human Hair		0-60 / M ³	0-200 / cm ²
Carpet Beetle Larvae		0-40 / M ³	0-200 / cm ²
Insect Frass		0-40 / M ³	0-400 / cm ²
Feather Barbules		0-40 / M ³	0-200 / cm ²
Opaque Particles		0-100 / M ³	0-600 / cm ²
Starch		0-40 / M ³	0-200 / cm ²
Rust		0-60 / M ³	0-400 / cm ²
Ash and Char-like Soot		0-100 / M ³	0-300 / cm ²
Aciniform-like Soot		0-100 / M ³	0-800 / cm ²
Silicates	(Varies greatly depending on area)	0-500 / M ³	0-2,800 / cm
Pollen	(Varies with outdoor pollen levels and whether there are live indoor plants)	0-500 / M ³	0-2,800 / cm
* Estimated Normal Pa	nges are based on prior experience. There are no standard ranges for this form of testing.	M ³ = Cubic Meter	cm ² = Square Centimeter



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Organism Descriptions

Ash and Char-like Soot	Habitat:	Ash-like soot is formed from the combustion of wood and paper products. Char-like soot comes from the incomplete combustion of wood and paper products.
	Effects:	Sources are wood fireplaces, house fires, forest fires, and burning of leaves and other yard debris.
Cellulose Fibers	Habitat:	Cellulose fibers are natural fibers from plant material.
	Effects:	Sources of cellulose fibers are paper, cardboard, insulation material.
Dander	Habitat:	Dander is dead skin cells. The average person sheds about 600,000 skin cells per day.
Feather Barbule	Effects:	Sources are people and animals. Any of the individual parts that make up a feather.
reamer barbure	Effects:	Sources are birds.
Pollen	Habitat:	
Silicates	Effects:	
	Effects:	quartz. Sources are sand, cement and drywall.
	Lifetia.	Sources are suita, cement and drywall.



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Organism Descriptions

Synthetic Fibers

Habitat: Synthetic fibers are man-made fibers such as nylon, polyester, and polyolefin.

Effects: Sources of synthetic fibers are carpet, upholstery and clothing.

