



Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003



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

Attn: Nathan Durham

Lab Order ID: 1422783

Analysis ID: 1422783_STA

Date Received: 11/20/2014

Project: This is a test project

Date Reported: 11/20/2014

Sample ID	Description	Volume (L)		Component	Raw Count	Concentration (counts/m ³)	% of Total	Exterior Average (counts/m ³)		
		Analytical Sensitivity	(counts/m ³)							
Lab Sample ID	Lab Notes									
111514 SA101	Room 16	150		Ascospores	235	9,208	66.2 %	9,326		
		39		Basidiospores	114	4,467	32.1 %	7,034		
1422783_STA_001				<i>Cladosporium</i>	4	157	1.1 %	2,018		
				Myxomycete/Rust/Smut-like	2	78	0.6 %	118		
				Total	355	13,910	100%	19,493		
				Hyphal fragments	1	39	-	98		
				Pollen	1	39	-	568		
						Skin Cell % of Total Debris:			0-20%	N/A
						Total Debris in Background:			60-80%	N/A
111514 SA102	Room 23	150		Ascospores	74	2,900	25.4 %	9,326		
		39		<i>Aspergillus/Penicillium-like</i>	120	4,702	41.2 %	N/A		
1422783_STA_002				Basidiospores	94	3,683	32.3 %	7,034		
				<i>Cladosporium</i>	3	118	1.0 %	2,018		
				Total	291	11,403	100%	19,493		
				Pollen	1	39	-	568		
						Skin Cell % of Total Debris:			60-80%	N/A
				Total Debris in Background:			60-80%	N/A		
111514 SA103	Exterior 1	150		Ascospores	265	10,384	51.2 %	9,326		
		39		Basidiospores	194	7,602	37.5 %	7,034		
1422783_STA_003				<i>Cercospora</i>	2	78	0.4 %	78		
				<i>Cladosporium</i>	48	1,881	9.3 %	2,018		
				Unknown/Other	2	78	0.4 %	59		
				<i>Epicoccum</i>	1	39	0.2 %	39		
				Myxomycete/Rust/Smut-like	4	157	0.8 %	118		
				<i>Pyricularia</i>	2	78	0.4 %	78		
				Total	518	20,297	100%	19,493		
				Hyphal fragments	2	78	-	98		
				Pollen	16	627	-	568		
						Skin Cell % of Total Debris:			0-20%	N/A
				Total Debris in Background:			60-80%	N/A		

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Palmer Hines (5)

Analyst

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Approved Signatory



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		Analytical Sensitivity (counts/m ³)							
Lab Sample ID	Lab Notes								
111514 SAI04 1422783_STA_004	Exterior 2	150	<i>Alternaria</i>	1	39	0.2 %	39		
		39	Ascospores	211	8,268	48.4 %	9,326		
			Basidiospores	165	6,465	37.8 %	7,034		
			<i>Cladosporium</i>	55	2,155	12.6 %	2,018		
			<i>Curvularia</i>	1	39	0.2 %	39		
			Unknown/Other	1	39	0.2 %	59		
			Myxomycete/Rust/Smut-like	2	78	0.5 %	118		
			Total	436	17,083	100%	19,493		
			Hyphal fragments	3	118	-	98		
			Pollen	13	509	-	568		
			Skin Cell % of Total Debris:						0-20%
		Total Debris in Background:						40-60%	N/A
		111514 SAI05 1422783_STA_005	Blank	0	No Spores Detected				
1									
Total				<1	<1	N/A	19,493		
Skin Cell % of Total Debris:						0%	N/A		
Total Debris in Background:						0%	N/A		

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