



micro air inc.

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August 30, 2021

Cherokee Nation Businesses
Kevin Ogle
777 W. Cherokee St.
Catoosa, OK 74015

Total Airborne Mold Spore Sample Results

Project Name: 3377 Cherokee Springs Rd.
Project Number: 50-17969-H

Location: 3377 Cherokee Springs Rd. - Tehlequah, OK
Date Received: August 27, 2021

Enclosed please find the results of samples analyzed by the Micro Air, Inc. laboratory.

Samples were analyzed according to Micro Air, Inc. Method M01, Revision 6 to identify total airborne mold in the samples and quantify the results. Total concentrations are reported as calculated, but only the first 2 figures should be considered significant. Data is corrected for blank samples only if blank samples are submitted. The expanded measurement of uncertainty for all direct spore trap results is 0.22 at a 95% confidence level ($k=2$). Our laboratory is fully accredited for spore trap analysis by the AIHA-LAP, LLC, #100951.

Disclaimer: It is not the intent of this report to make any associations regarding potential health effects to building occupants. There are no governmental regulations concerning permissible numbers of mold in environmental samples. Interpretation of the results is the responsibility of the company or individual who conducted the investigation.

This report may not be reproduced, except in full, without written approval from Micro Air, Inc. These results only relate to the items tested and are only as accurate as the sampling information submitted by the customer (e.g. air volumes). Samples are received in good condition unless otherwise noted.

Please consult your Project Manager, Tim French, with any questions regarding these results.

Analyzed By:

Betsie L. McAfee

Authorized By:

Betsie L. McAfee
Technical Manager

Client: Cherokee Nation Businesses
 Report Date: 8/30/2021
 Lab Number: 150708

Project Number: 50-17969-H
 Project Name: 3377 Cherokee Springs Rd.

Total Airborne Mold Spore Sample Results

Location: 3377 Cherokee Springs Rd. - Tehlequah, OK

Sample ID	Client Sample ID	Date Collected	Date Analyzed	Volume	Detection Limit	Debris Rating	Sample Location	Alternaria	Ascospores/ Leptosphaeria	Aspergillus / Penicillium Like	Basidiospores	Bipolaris / Drechlera	Chaetomium	Cladosporium	Curvularia	Epicoccum	Fusarium	Pithomyces / Ulocladium	Stachybotrys	Other	TOTAL CONCENTRATION (Count/M³)
001	1-AC	08/26/21	08/30/21	0.075	53	4	Art Gallery				53			53	53					53	212
Raw Count:										1				1	1					1	4
002	2-AC	08/26/21	08/30/21	0.075	53	4	Geneology - Public		107	267	107			53	53		53	53			693
Raw Count:									2	5	2			1	1		1	1			13
003	3-AC	08/26/21	08/30/21	0.075	53	3	Geneology - Employees		53	107	213			800			53	53		107	1386
Raw Count:									1	2	4			15			1	1		2	26
004	4-AC	08/26/21	08/30/21	0.075	53	4	Vault - South End		53	160	107		53	53							426
Raw Count:									1	3	2		1	1							8
005	5-AC	08/26/21	08/30/21	0.075	53	3	Vault - Middle of Room			107	107										214
Raw Count:										2	2										4
006	6-AC	08/26/21	08/30/21	0.075	53	2	Vault - North End			53	107										160
Raw Count:										1	2										3
007	7-AC	08/26/21	08/30/21	0.075	53	4	Outside	53	213	267	5013			3947	53		107	53		107	9813
Raw Count:								1	4	5	94			74	1		2	1		2	184

Betsie L. McAfee has reviewed this final report and has taken overall technical responsibility for the data.

Count/M³=Spore Count per Cubic Meter

Total concentrations are reported as calculated, but only the first 2 figures should be considered significant.

Debris Rated on a Scale of 1-5

- 1 - Less than 10% of the slide occluded with non-microbial debris
- 2 - 11 to 25% of the slide occluded with non-microbial debris
- 3 - 25 to 75% of the slide occluded with non-microbial debris
- 4 - 76 to 90% of the slide occluded with non-microbial debris
- 5 - Greater than 90% of the slide occluded with non-microbial debris. This debris rating is not analyzed.