

Sampling Data Interpretation for Mold Assessments^a

Mold^b

Sample Type	Result /m ^{3c}	NORMI Interpretation	NOTES:
Mold Air (non-viable)	Total Spore Count	<2000 Normal	Other molds may be found that have significance in some environments such as Cladosporium, which can be found as indoor sources and can be prevalent outdoors.
	Aspergillus/Penicillium	<200 Normal	
	Target Molds (Stachybotrys, Chaetomium, Trichoderma, Fusarium, Memnoniella)	NO Target Molds	
Mold Surface Tape or Swab (non-viable)	1-10 spores	Rare	Normal
	11-100 spores	Low	Caution
	101-1000 spores	Medium	Contamination Probable
	>1000 spores	High	High Contamination
Mold Surface Swab (viable)	0-30 cfu ^d	Normal	NOTE: Any presence of target molds is unacceptable (Stachybotrys, Chaetomium, Trichoderma, Fusarium, Memnoniella)
	31-150 cfu	Low	
	151-300 cfu	Moderate	
	300+ cfu	High	
TMVOC (Total Mold Volatile Organic Compounds)	<8 ng/L ^e	Minimal	This is a good sampling method when molds are hidden, and can sometimes show mold activity even if air spore counts are low
	8-30 ng/L	Active-Moderate	
	30-80 ng/L	Active-Elevated	
	80-150 ng/L	Active-High	
	150+ ng/L	Active-Severe	

ATP Luminometer for Surface Biological Contaminant Screening^f

IICRC S-520	Sampled Surface Condition	Surface Sample Result RLU ^g	Interpretation
Condition 1 Normal Fungal Ecology	Ideal Surface Hygiene	<50	PASS
Condition 2 Settled Spores	Acceptable for Mold Indoor Surfaces	50-150	CAUTION
Condition 3 Actual Growth	Probable Contamination	>150	FAIL

Other Data

Test	ASHRAE	OSHA PEL ^h	ACGIH TLV ⁱ	NORMI
Temperature	Winter 68-75°F Summer 73-79°F	N/A	N/A	Winter 68-75°F Summer 73-78°F
Relative Humidity ^j	30%-60%	N/A	N/A	40%-60%
Particles	N/A	PM ₁₀ <150ug/m ³ ; PM _{2.5} ***<65ug/m ³	15mg/m ³ Total	PM ₅ <5000/ft ^{3k}
Carbon Dioxide	1000ppm	5000ppm	5000ppm	1000ppm
Carbon Monoxide	9ppm	50ppm	25ppm	0ppm
Ozone (used for sanitization only)	N/A	.1ppm	.05ppm	≤.05ppm (occupied) ≤0.1ppm (unoccupied)

^a Interpretation of sampling should take into consideration overall assessment findings and other sampling data per NORMI

^b There is currently no standard for mold levels in an indoor environment. The above interpretations are a consensus of both field experts and laboratories. The licensed mold assessor must use professional discretion in defining indoor sources and extent of contamination present, taking into consideration the varied sensitivities to mold amongst individual occupants.

^c Per cubic meter

^d Colony forming units

^e Nanograms per liter, interpreted by Prism Labs.

^f Commonly called *Bio-Reveal* by Hygienea

^g Relative light units

^h OSHA—Occupational Safety and Health Administration Permissible Exposure Limite – Typical 8 hr. day/40hr. week

ⁱ American Conference of Governmental Industrial Hygienists Threshold Limit Value – 10 hrs. day/40 hr. week

^j NORMI recommends 40-60%

^k Based on Dylos interpretation Excellent <2500/ft³ or Very Good 5000/ft³ Dylos.com