

ERMI Analytical Test Report

Client:

Jastin Batts

1627 North Bond St, Baltimore, MD, 21213, US

9105996639

artisworld11@gmail.com

Sampled By

Jastin Batts

9105996639

artisworld11@gmail.com

Project Name:

Jastin Batts

Sample Type:

Swiffer Kit

Status

Non Available

Site Address:1627 North Bond St, Baltimore, MD,
21213, US**Sample Location:**

Basement

Date of Sampling:

Aug 06, 2026

Date Samples Received:

Aug 10, 2026

Date of Report:

Aug 12, 2026

Reference

617551

P.O.

1000155

EB Code**Class N°****Check N°**

The samples collected by the client were referred under the chain of custody to our laboratory for analysis and reporting. The samples received were labeled, and their condition on receipt was intact. Per our Terms & Conditions, this document and its contents are intended for the Addressee only and not for general publication without written consent.

Group 1: Water Damage Molds

Species	SE/mg	Level	Q
Aspergillus flavus/oryzae	10	*	Q3
Aspergillus fumigatus	17		Q3
Aspergillus niger	282	*	Q3
Aspergillus ochraceus	189	*	Q4
Aspergillus penicillioides	7,007	*	Q4
Aspergillus restrictus	138	*	Q4
Aspergillus sclerotiorum	466	* *	Q4
Aspergillus sydowii	5,325	* *	Q4
Aspergillus unguis	39	*	Q4
Aspergillus versicolor	18,932	* * *	Q4
Aureobasidium pullulans	3,479	*	Q3
Chaetomium globosum	255	*	Q4
Cladosporium sphaerospermum	218		Q4
Eurotium (Asp.) amstelodami	17,985	* *	Q4
Paecilomyces variotii	9		Q2
Penicillium brevicompactum	1,456	* *	Q4
Penicillium corylophilum	2,003	* *	Q4
Penicillium crustosum	1,148	* *	Q4
Penicillium purpurogenum	380	* *	Q4
Penicillium Spinulosum	13	*	Q4
Penicillium variable	413	*	Q4
Scopulariopsis brevicaulis/fusca	3,306	* * *	Q4
Scopulariopsis chartarum	96	*	Q4
Stachybotrys chartarum	60	*	Q4
Trichoderma viride	62	*	Q4
Wallemia sebi	559		Q4
Sum of logs G1			66.4

Group 2: Common Indoor Molds				
Species	SE/mg	Level	Q	
Acremonium strictum	59		Q4	
Alternaria alternata	33		Q2	
Aspergillus ustus	39	*	Q3	
Cladosporium cladosporioides1	2,163		Q3	
Cladosporium cladosporioides2	339	*	Q4	
Cladosporium herbarum	103		Q2	
Epicoccum nigrum	755	*	Q3	
Mucor amphibiorum	48		Q3	
Penicillium chrysogenum	5,660,566	* * *	Q4	
Rhizopus stolonifer	N.D		Q1	
Sum of logs G2			24.1	
Sample Size	4.9 mg	ERMI Results = (G1-G2)		42.3

Q	= Quartile (Q1 Q2 Q3 Q4)				% = Percentage
SE	= Spore Equivalents ()				Normal
SE/mg	= SE/miligrams of sample (*)				10 fold higher than normal.
Logs	= Logarithms (**)				100 fold higher than normal.
ND	= None Detected (***)				1,000 fold higher than normal.

COMMENTS

The table shows the Spore Equivalent per milligram (SE/mg) detected for each of the 36 environmental molds analyzed.

The stars symbols on table above highlights the main molds (DNAs) detected in this report, which were selected based on their value being higher than ten fold (*), 100 fold (**) and 1,000 folds (***) of the geometric mean of the corresponding mold on the 2021 USA survey of molds.

ERMI score was developed by the US government for environmental mold safety (mold related asthma) and the score table is a general recommendation.

For patients with CIRS condition, in general, an ERMI score of 2 or less is considered safe. For more information please consult with your doctor and an Indoor environmental professional for the best advice on how to interpret the results.

Quartiles Distributions

Q4 is considered the most elevated value in a large data distribution and needs further attention. Q1 and Q2 are below average, Q3 is slightly above average. Q levels were determined using 5000 samples all over the USA

The interpretation was made
with reference to the following table:

ERMI Score

42.3

Level	ERMI Values	Interpretation	Comment
Q 1	Less than - 4	Low Relative Moldiness Index	Further investigation is not needed to determine the sources of the mold.
Q 2	-4 to < 0	Low - Medium Relative	Further investigation may be needed to determine the sources of the mold if occupants have been reactive, sensitized, genetically predisposed or otherwise immuno-compromised.
Q 3	0 to < 5	Medium- High Relative	
Q 4	5 to < 20	High Relative Moldiness Index	Source and cause of mold should be determined and remediation undertaken, reducing the ERMI to levels below Q2.
	> 20	Very High Relative	

According to Vesper [9] ERMI Scores have a Standard Deviation (S.D.) of +/-3 and should be assessed with this in mind.

Further assessment was performed by calculating the HERTSMI-2 score from this data, which was found to be:

HERTSMI-2 Species	Spore E./mg			Weighting	Q
Aspergillus penicillioides	7,007		*	10	Q4
Aspergillus versicolor	18,932		* * *	10	Q4
Chaetomium globosum	255		*	10	Q4
Stachybotrys chartarum	60		*	6	Q4
Wallemia sebi	559			6	Q4
Sample Size	4.9	mg	HERTSMI-2 Score =		42

Color-coded interpretation

If 10 or below	In only 1.7% of cases, re-occupancy of building following mold remediation has led to relapse of CIRS-WDB symptoms
If between 11 to 15	Borderline. Further remediation and re-assessment is indicated
If greater than 15	Re-occupancy is ill-advised until further remediation and re-assessment are conclusive.



CLIA certified



ERMI U.S.E.P.A

Gianni Rossini

11550 IH 10 W, Suite 105
San Antonio, Texas, 78230

Lab Manager
Gianni Rossini

Genetically close-related species may be detected in the indicator assay.

As reported	Includes
Eurotium (Asp.) amstelodami	E. chevalieri, E. herbariorum, E. rubrum and E. repens.
Penicillium spinulosum	P. glabrum, P. lividum, P. pupureus, and P. thomii.
Trichoderma viride	T. koningii and T. atroviride.
Aspergillus restrictus	A. caesillus and A. conicus.
Mucor amphibiorum	M. circinelloides, M. hiemalis, M. indicus, M. mucedo, M. racemosus, M. ramosissimus.
Rhizopus zygosporus	R. homothalicus, R. microsporus, R. oligosporus, R. oryzae.
Penicillium crustosum. (P. Group-2)	P. camembertii, P. commune, P. echinulatum, P. solitum.
Aspergillus niger	Known called Aspergillus brasiliensis
Scopulariopsis brevicaulis/fusca	Has been renamed as species of Microascus ¹⁰
Wallemia sebi	W. mellicola, W. canadensis ¹¹

REFERENCES

“WHO Guidelines for Indoor Air Quality – Dampness and Mould”, 2009 World Health Organization, Copenhagen, Denmark, ISBN 978 92 890 4168 3.

“Development of an Environmental Relative Mouldiness Index” Vesper S. et al, Occupational Env. Med. 2007,49:829-833.

Reference Geometric Mean data from J Occup Environ Hyg. 2021 January; 18(1): 35–41