

# MYCOMETRICS, LLC.

9 Deer Park Drive, Suite K-18  
Monmouth Junction, NJ 08852-1923

*Mycometrics*  
From Research to Diagnostics™

Tel: 732-355-9018 ~ Fax: 732-658-5185 ~ Email: [quest@mycometrics.com](mailto:quest@mycometrics.com) ~ Website: [www.mycometrics.com](http://www.mycometrics.com)

Client: DONNA [REDACTED]

Address: [REDACTED] TX [REDACTED]

Project Name: C23414/EC-DONNA [REDACTED]

Date Sampled: May 10, 2019

Date Received: May 16, 2019

Samples Submitted By: [REDACTED]

Date Analysis Completed: May 22, 2019

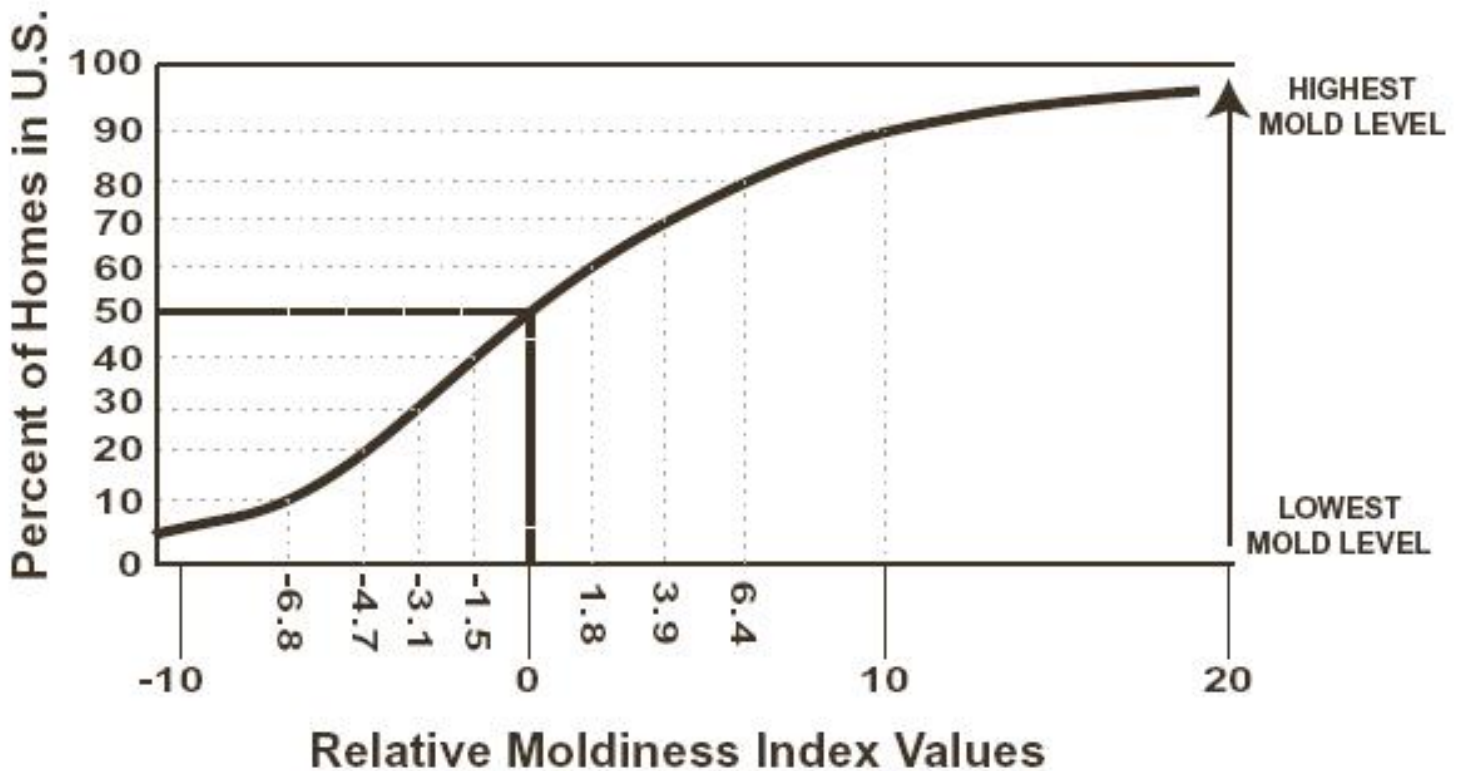
Mycometrics Report No.: 190508-014

Mycometrics Report Date: May 22, 2019



USEPA License: 352-05

## ERMI Report



Location	
	██████████
	<b>Spore E./mg</b>
Fungal ID \ Sample ID	C23414/EC-Upstairs BRs, LR, Office, Den
<i>Aspergillus flavus/oryzae</i>	7
<i>Aspergillus fumigatus</i>	2
<i>Aspergillus niger</i>	650
<i>Aspergillus ochraceus</i>	5
<i>Aspergillus penicillioides</i>	770
<i>Aspergillus restrictus*</i>	4
<i>Aspergillus sclerotiorum</i>	4
<i>Aspergillus sydowii</i>	260
<i>Aspergillus unguis</i>	18
<i>Aspergillus versicolor</i>	50
<i>Aureobasidium pullulans</i>	180
<i>Chaetomium globosum</i>	11
<i>Cladosporium sphaerospermum</i>	1200
<i>Eurotium (Asp.) amstelodami*</i>	120
<i>Paecilomyces variotii</i>	40
<i>Penicillium brevicompactum</i>	14
<i>Penicillium corylophilum</i>	3
<i>Penicillium crustosum*</i>	21
<i>Penicillium purpurogenum</i>	1
<i>Penicillium spinulosum*</i>	1
<i>Penicillium variable</i>	4
<i>Scopulariopsis brevicaulis/fusca</i>	<1
<i>Scopulariopsis chartarum</i>	45
<i>Stachybotrys chartarum</i>	1
<i>Trichoderma viride*</i>	1
<i>Wallemia sebi</i>	1200
<b>Sum of the Logs (Group I):</b>	<b>32.46</b>
<i>Acremonium strictum</i>	<1
<i>Alternaria alternata</i>	100
<i>Aspergillus ustus</i>	94
<i>Cladosporium cladosporioides 1</i>	570
<i>Cladosporium cladosporioides 2</i>	13
<i>Cladosporium herbarum</i>	260
<i>Epicoccum nigrum</i>	29
<i>Mucor amphibiorum*</i>	35
<i>Penicillium chrysogenum</i>	28
<i>Rhizopus stolonifer</i>	6
<b>Sum of the Logs (Group II):</b>	<b>15.48</b>
<b>ERMI (Group I - Group II):</b>	<b>16.98</b>

The sample(s) in this report was/were received in acceptable conditions. The results in this report apply only to the sample(s) received and tested. The report shall not be reproduced except in full without approval of the laboratory.

\*\* Concentration is rounded to two significant digits. Concentration is in Spore E./Sample if sample amount/area is NA. Spore E.: Spore equivalents; A spore equivalent may reflect the presence of any other fungal structures (i.e. mycelia) containing the same number of target genes as a spore.

ND: Not detected within 40 cycles of PCR amplification.

\* Genetically closed-related species may be detected in the indicator assay:

*Eurotium* (Asp.) *amstelodami* covers *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*.

*Penicillium spinulosum* covers *P. glabrum*, *P. lividum*, *P. pupurescens*, and *P. thomii*.

*Trichoderma viride* covers *T. koningii* and *T. atroviride*.

*Aspergillus restrictus* covers *A. caesillus* and *A. conicus*.

*Mucor amphibiorum* covers *M. circinelloides*, *M. hiemalis*, *M. indicus*, *M. mucedo*, *M. racemosus*, *M. ramosissimus* and *Rhizopus zygosporus*, *R. homothalicus*, *R. microsporus*, *R. oligosporus*, *R. oryzae*.

*Penicillium crustosum* covers *P. camembertii*, *P. commune*, *P. echinulatum*, *P. solitum*.



Approved by: \_\_\_\_\_

King-Teh Lin, Ph.D. Microbiologist

# MYCOMETRICS, LLC.

9 Deer Park Drive, Suite K-18  
Monmouth Junction, NJ 08852-1923

*Mycometrics*  
From Research to Diagnostics™

Tel: 732-355-9018 ~ Fax: 732-658-5185 ~ Email: [quest@mycometrics.com](mailto:quest@mycometrics.com) ~ Website: [www.mycometrics.com](http://www.mycometrics.com)

Client: DONNA [REDACTED]

Address: [REDACTED] TX [REDACTED]

Project Name: C23413/EC-DONNA [REDACTED]

Date Sampled: June 23, 2019

Date Received: June 26, 2019

Samples Submitted By: [REDACTED]

Date Analysis Completed: July 3, 2019

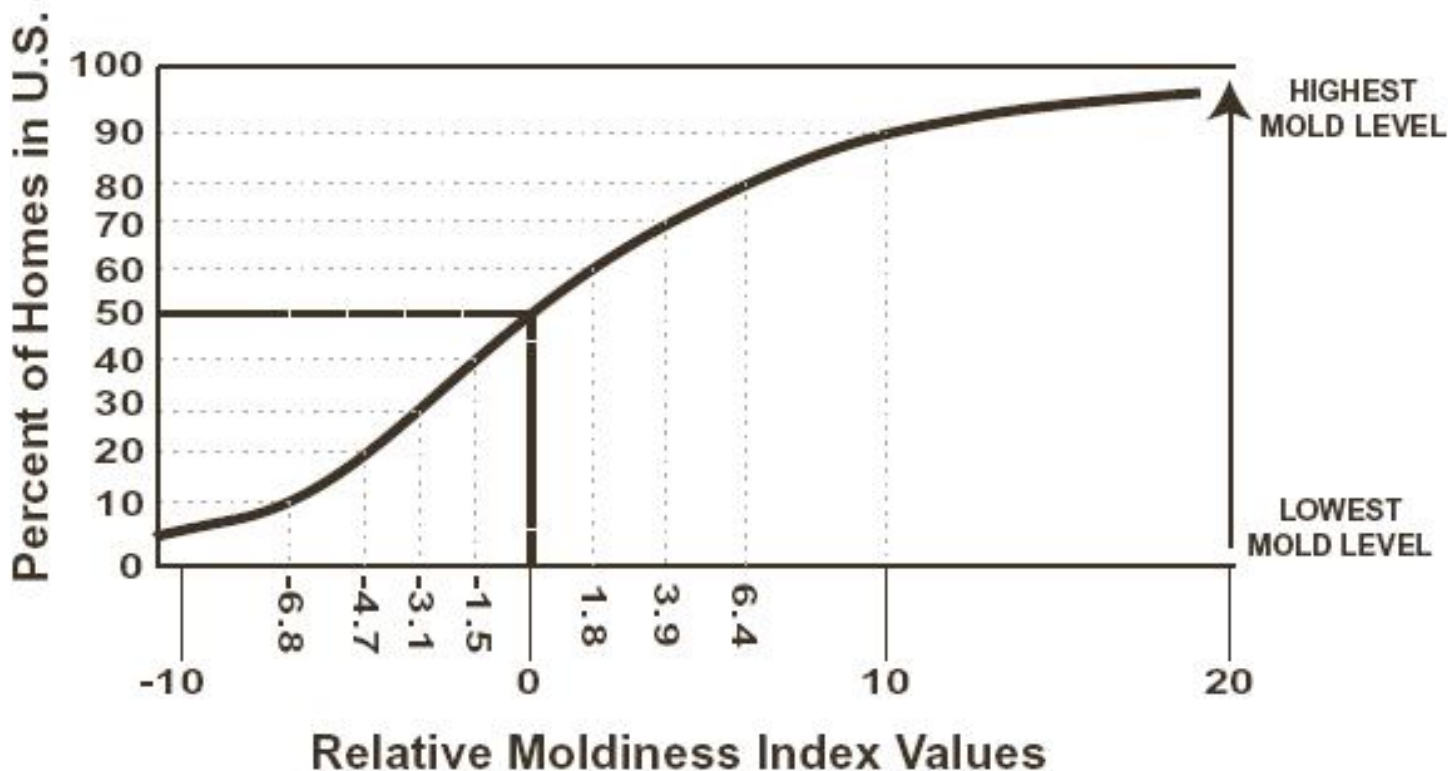
Mycometrics Report No.: 190508-013

Mycometrics Report Date: July 3, 2019



USEPA License: 352-05

## ERMI Report



Location	
	[REDACTED]
	<b>Spore E./mg</b>
Fungal ID \ Sample ID	C23413/EC-Upstrs BRs/BAs, Dnstrs Liv/Den/Ofc/etc.
<i>Aspergillus flavus/oryzae</i>	1
<i>Aspergillus fumigatus</i>	1
<i>Aspergillus niger</i>	47
<i>Aspergillus ochraceus</i>	1
<i>Aspergillus penicillioides</i>	31
<i>Aspergillus restrictus*</i>	3
<i>Aspergillus sclerotiorum</i>	1
<i>Aspergillus sydowii</i>	6
<i>Aspergillus unguis</i>	1
<i>Aspergillus versicolor</i>	ND
<i>Aureobasidium pullulans</i>	53
<i>Chaetomium globosum</i>	3
<i>Cladosporium sphaerospermum</i>	1100
<i>Eurotium (Asp.) amstelodami*</i>	32
<i>Paecilomyces variotii</i>	15
<i>Penicillium brevicompactum</i>	3
<i>Penicillium corylophilum</i>	1
<i>Penicillium crustosum*</i>	ND
<i>Penicillium purpurogenum</i>	ND
<i>Penicillium spinulosum*</i>	<1
<i>Penicillium variable</i>	ND
<i>Scopulariopsis brevicaulis/fusca</i>	<1
<i>Scopulariopsis chartarum</i>	1
<i>Stachybotrys chartarum</i>	<1
<i>Trichoderma viride*</i>	ND
<i>Wallemia sebi</i>	39
<b>Sum of the Logs (Group I):</b>	<b>14.42</b>
<i>Acremonium strictum</i>	ND
<i>Alternaria alternata</i>	41
<i>Aspergillus ustus</i>	18
<i>Cladosporium cladosporioides 1</i>	190
<i>Cladosporium cladosporioides 2</i>	4
<i>Cladosporium herbarum</i>	110
<i>Epicoccum nigrum</i>	20
<i>Mucor amphibiorum*</i>	2
<i>Penicillium chrysogenum</i>	<1
<i>Rhizopus stolonifer</i>	ND
<b>Sum of the Logs (Group II):</b>	<b>9.39</b>
<b>ERMI (Group I - Group II):</b>	<b>5.03</b>

The sample(s) in this report was/were received in acceptable conditions. The results in this report apply only to the sample(s) received and tested. The report shall not be reproduced except in full without approval of the laboratory.

\*\* Concentration is rounded to two significant digits. Concentration is in Spore E./Sample if sample amount/area is NA. Spore E.: Spore equivalents; A spore equivalent may reflect the presence of any other fungal structures (i.e. mycelia) containing the same number of target genes as a spore.

ND: Not detected within 40 cycles of PCR amplification.

\* Genetically closed-related species may be detected in the indicator assay:

Eurotium (Asp.) amstelodami covers E. chevalieri, E. herbariorum, E. rubrum and E. repens.

Penicillium spinulosum covers P. glabrum, P. lividum, P. pupurescens, and P. thomii.

Trichoderma viride covers T. koningii and T. atroviride.

Aspergillus restrictus covers A. caesillus and A. conicus.

Mucor amphibiorum covers M. circinelloides, M. hiemalis, M. indicus, M. mucedo, M. racemosus, M. ramosissimus and Rhizopus zygosporus, R. homothalicus, R. microsporus, R. oligosporus, R. oryzae.

Penicillium crustosum covers P. camembertii, P. commune, P. echinulatum, P. solitum.



Approved by: \_\_\_\_\_

King-Teh Lin, Ph.D. Microbiologist