



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



Digamma
Consulting

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Spring 2021 **Micro – Qualitative** Proficiency Test
B04 “Microbial Panel 4 Aspergillus Molds in Hemp”
27 participating laboratories
5 analyte of interest
Matrix: Hemp

Acceptance Criteria: Presence

ASPERGILLUS MOLDS IN HEMP

Component	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Participants
A.brasiliensis (Niger)	27	100	0	0	27
A.flavus	24	96	1	4	25
A.fumigatus	25	100	0	0	25
A.terreus	23	95	1	5	24
Total Mold	25	92	2	8	27

Lab Name	Total Mold										ACCEPT
	I	II	III	IV	V	VI	VII	VIII	IX	X	
4910	0	0	1	1	1	0	0	1	0	0	YES
4957	0	0	1	1	1	0	0	1	0	0	YES
4970	0	0	1	1	1	0	0	1	0	0	YES
5000	0	0	1	1	1	0	0	1	0	0	YES
5040	0	0	1	1	1	0	0	1	0	0	YES
5043	0	0	1	1	1	0	0	1	0	0	YES
5046	0	1	0	1	1	0	1	0	0	0	NO
5053	0	0	1	1	1	0	0	1	0	0	YES
5062	0	0	1	1	1	0	0	1	0	0	YES
5108	0	0	1	1	1	0	0	1	0	0	YES
5146	0	0	1	1	1	0	0	1	0	0	YES
5161	0	0	1	1	1	0	0	1	0	0	YES
5171	0	0	1	1	1	0	0	1	0	0	YES
5201	0	0	1	1	1	0	0	1	0	0	YES
5222	0	0	1	1	1	0	0	1	0	0	YES
5254	0	0	1	1	1	0	0	1	0	0	YES
5298	0	0	1	1	1	0	0	1	0	0	YES
5307	0	0	0	1	1	0	0	0	0	0	NO
5314	0	0	1	1	1	0	0	1	0	0	YES
5316	0	0	1	1	1	0	0	1	0	0	YES
5349	0	0	1	1	1	0	0	1	0	0	YES
5356	0	0	1	1	1	0	0	1	0	0	YES
5374	0	0	1	1	1	0	0	1	0	0	YES
5384	0	0	1	1	1	0	0	1	0	0	YES
5415	0	0	1	1	1	0	0	1	0	0	YES
5447A	0	0	1	1	1	0	0	1	0	0	YES
5447B	0	0	1	1	1	0	0	1	0	0	YES



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brasiliensis											flavus												
Lab Name	I	II	III	IV	V	VI	VII	VIII	IX	X	ACCEPT	Lab Name	I	II	III	IV	V	VI	VII	VIII	IX	X	ACCEPT
4910	0	0	0	0	0	0	0	1	0	0	YES	4910	0	0	0	0	1	0	0	0	0	0	YES
4970	0	0	0	0	0	0	0	1	0	0	YES	4970	0	0	0	0	1	0	0	0	0	0	YES
5000	0	0	0	0	0	0	0	1	1	0	YES	5000	0	0	0	0	1	0	0	0	0	0	YES
5040	1	0	0	0	0	0	0	1	0	0	YES	5040	0	0	0	0	1	0	0	0	0	0	YES
5043	0	0	0	0	0	0	0	1	0	0	YES	5043	0	0	0	0	1	0	0	0	0	0	YES
5053	0	0	0	0	0	0	0	1	0	0	YES	5053	0	0	0	0	1	0	0	0	0	0	YES
5071	0	0	0	0	0	0	0	1	0	0	YES	5071	0	0	0	0	1	0	0	0	0	0	YES
5131	0	0	0	0	0	0	0	1	0	0	YES	5131	0	0	0	0	1	0	0	0	0	0	YES
5161	0	0	0	0	0	0	0	1	0	0	YES	5161	0	0	0	0	1	0	0	0	0	0	YES
5164	0	0	0	0	0	0	0	1	0	0	YES	5164	0	0	0	0	1	0	0	0	0	0	YES
5222	0	0	0	0	0	0	0	1	0	0	YES	5222	0	0	0	0	1	0	0	0	0	0	YES
5251	0	0	0	0	0	0	0	1	0	0	YES	5251	0	0	0	0	1	0	0	0	0	0	YES
5254	0	0	0	0	0	0	0	1	0	0	YES	5254	0	0	0	0	1	0	0	0	0	0	YES
5298	1	0	0	0	0	0	0	1	0	0	YES	5298	0	0	0	0	1	0	0	0	0	0	YES
5302	0	0	0	0	0	0	0	1	0	0	YES	5302	0	0	0	0	1	0	0	0	0	0	YES
5307	0	0	0	0	0	0	0	1	0	1	YES	5307	0	0	0	0	1	0	0	0	0	0	YES
5308	0	0	0	0	0	0	0	1	0	0	YES	5308	0	0	0	0	1	0	0	0	1	1	NO
5314	0	0	0	0	0	0	0	1	0	0	YES	5314	0	0	0	0	1	0	0	0	0	0	YES
5347	0	0	0	0	0	0	0	1	0	0	YES	5347	0	0	0	0	1	0	0	0	0	0	YES
5349	0	0	0	0	0	0	0	1	0	0	YES	5349	0	0	0	0	1	0	0	0	0	0	YES
5356	0	0	0	0	0	0	0	1	0	0	YES	5356	0	0	0	0	1	0	0	0	0	0	YES
5372	0	0	0	0	0	0	0	1	0	0	YES	5372	0	0	0	0	1	0	0	0	0	0	YES
5376	0	0	0	0	0	0	0	1	0	0	YES	5376	0	0	0	0	1	0	0	0	0	0	YES
5386	0	0	0	0	0	0	0	1	0	0	YES	5386	0	0	0	0	1	0	0	0	0	0	YES
5415	0	0	0	0	0	0	0	1	0	0	YES	5415	0	0	0	0	1	0	0	0	0	0	YES
5447A	0	0	0	0	0	0	0	1	0	0	YES												
5447B	0	0	0	0	0	0	0	1	0	0	YES												



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fumigatus												terreus											
Lab Name	I	II	III	IV	V	VI	VII	VIII	IX	X	ACCEPT	Lab Name	I	II	III	IV	V	VI	VII	VIII	IX	X	ACCEPT
4910	0	0	0	1	0	0	0	0	0	0	YES	4910	0	0	1	0	0	0	0	1	0	0	YES
4970	0	0	0	1	0	0	0	0	0	0	YES	4970	0	0	1	0	0	0	0	1	0	0	YES
5000	0	0	0	1	0	0	0	0	0	0	YES	5000	0	0	1	0	0	0	0	1	0	0	YES
5040	0	0	0	1	0	0	0	0	0	0	YES	5040	0	0	1	0	0	0	0	1	0	0	YES
5043	0	0	0	1	0	0	0	0	0	0	YES	5043	0	0	1	0	0	0	0	1	0	0	YES
5053	0	0	0	1	0	0	0	0	0	0	YES	5053	0	0	1	0	0	0	0	1	0	0	YES
5071	0	0	0	1	0	0	0	0	0	0	YES	5131	0	0	1	0	0	0	0	1	0	0	YES
5131	0	0	0	1	0	0	0	0	0	0	YES	5161	0	0	1	0	0	0	0	1	0	0	YES
5161	0	0	0	1	0	0	0	0	0	0	YES	5164	0	0	1	0	0	0	0	1	0	0	YES
5164	0	0	0	1	0	0	0	0	0	0	YES	5222	0	0	1	0	0	0	0	1	0	0	YES
5222	0	0	0	1	0	0	0	0	0	0	YES	5251	0	0	1	0	0	0	0	1	0	0	YES
5251	0	0	0	1	0	0	0	0	0	0	YES	5254	0	0	1	0	0	0	0	1	0	0	YES
5254	0	0	0	1	0	0	0	0	0	0	YES	5298	0	0	1	0	0	0	0	1	0	0	YES
5298	0	0	0	1	0	0	0	0	0	0	YES	5302	0	0	1	0	0	0	0	1	0	0	YES
5302	0	0	0	1	0	0	0	0	0	0	YES	5307	0	0	0	0	0	0	0	0	0	0	NO
5307	0	0	0	1	0	0	0	0	0	0	YES	5308	0	0	1	0	0	0	0	1	0	0	YES
5308	0	0	0	1	0	0	0	0	0	0	YES	5314	0	0	1	0	0	0	0	1	0	0	YES
5314	0	0	0	1	0	0	0	0	0	0	YES	5347	0	0	1	0	0	0	0	1	0	0	YES
5347	0	0	0	1	0	0	0	0	0	0	YES	5349	0	0	1	0	0	0	0	1	0	0	YES
5349	0	0	0	1	0	0	0	0	0	0	YES	5356	0	0	1	0	0	0	0	1	0	0	YES
5356	0	0	0	1	0	0	0	0	0	0	YES	5372	0	0	1	0	0	0	0	1	0	0	YES
5372	0	0	0	1	0	0	0	0	0	0	YES	5376	0	0	1	0	0	0	0	1	0	0	YES
5376	0	0	0	1	0	0	0	0	0	0	YES	5386	0	0	1	0	0	0	0	1	0	0	YES
5386	0	0	0	1	0	0	0	0	0	0	YES	5415	0	0	1	0	0	0	0	1	0	0	YES
5415	0	0	0	1	0	0	0	0	0	0	YES												

“1” denotes a value of “Present” and “0” denotes a value of “Absent”. A green background indicates the correct response, a red background indicates an incorrect response.

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