

CERTIFICATE OF ANALYSIS

PRODUCT CM0139B
POTATO DEXTROSE AGAR 500g

LOT NUMBER 6259939

EXPIRY DATE 2030.05.31

DATE OF MANUFACTURE 2025.04.22

Delivery/Customer information

Date Printed

2025.05.14

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Off white powder	Off white powder
Colour on reconstitution	Straw 1	Straw 1
pH (25°C)	5.5	5.4 - 5.8
pH of acidified medium (25°C)	3.6	3.4 - 3.6
Clarity	Clear	Clear
SR0021 per litre to lower pH to 3.5 (ml)	21	10 - 100

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
Tested using acidified medium				
Aerobic incubation at 25°C for 5 days				
<i>Candida krusei</i> ATCC®6258	46	42	91	Cream cols
<i>Candida albicans</i> ATCC®10231	47	41	87	Cream cols
<i>Bacillus subtilis</i> ATCC®6633	>1E+04	0	-	No growth
<i>Escherichia coli</i> ATCC®8739	>1E+04	0	-	No growth
<i>Staphylococcus aureus</i> ATCC®6538	>1E+04	0	-	No growth
Inoculation using stab technique				
<i>Aspergillus fumigatus</i> ATCC®9197	>1E+04	-	-	Cream mycelia, blue/green spores
<i>Aspergillus brasiliensis</i> ATCC®16404	>1E+04	-	-	White mycelia, black spores
<i>Fusarium culmorum</i> FMH-2407W	>1E+04	-	-	White mycelia, orange/red spores
<i>Fusarium oxysporum</i> FYH-2386W	>1E+04	-	-	White mycelia, pink/red spores

Tested in accordance with USP/EP/BP/JP Aerobic incubation at 25°C for 5 to 7 days

<i>Aspergillus brasiliensis</i> ATCC®16404	18	15	83	White mycelia, black spores
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Control Medium: Potato Dextrose Agar

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu). Negative strains are inhibited from an inoculum of 1E+04 to 1E+06 cfu. For mould species, a satisfactory result is represented by typical colonial morphology as described in the product specification. Refer to product specification for full details.

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Lot Accepted. 2025.05.14

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