

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Potato dextrose agar

**PRODUCT CODE NO.:** BH069

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Cream to light yellow
APPEARANCE	Homogenous free flowing powder

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	5.6+-0.2
COLOR (post autoclaving/heating)	Light amber
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Growth Promotion Test

Growth Promotion was carried out in accordance with the harmonized method of USP/EP/BP/JP, and growth was observed at 20-25°C for specified time. Recovery rate is considered as 100% for fungus growth on Sabouraud Dextrose Agar

Growth Promoting Properties

Growth of microorganism comparable to that previously obtained with previously tested and approved lot of medium occurs at the specified temperature for not more than the shortest period of time specified inoculating  $\leq$  100 cfu

Cultural Response

BH069: Cultural characteristics observed after incubation at 20-25 °C for 2-5 days. Recovery rate is considered as 100% for fungus growth on Sabouraud Dextrose Agar.

Organism Description	Inoculum (CFU)	Growth	Observed lot value (CFU)	Recovery	Incubation temperature	Incubation period
Aspergillus brasiliensis ATCC 16404	[50-100]	[Luxuriant]	[25-100]	[ $\geq$ 50%]	[20 -25 °C ]	[5 -7 Day]
Aspergillus fumigatus ATCC 9197	[50-100]	[Luxuriant]	[25-100]	[ $\geq$ 50%]	[20 -25 °C ]	[5 -7 Day]
Candida albicans ATCC 10231	[50-100]	[Luxuriant]	[35-100]	[ $\geq$ 70%]	[20 -25 °C ]	[2 -3 Day]
Saccharomyces cerevisiae ATCC 9763	[50-100]	[Luxuriant]	[35-100]	[ $\geq$ 70%]	[20 -25 °C ]	[2 -3 Day]
Rhodotorula mucilaginosa DSM 70404	[-]	[Luxuriant]	[-]	[-]	[20 -25 °C ]	[3 -5 Day]

Geotrichum candidum DSM 1240	[-]	[Good-Luxuriant]	[-]	[-]	[25 -30 °C]	[3 -5 Day]
Penicillium commune ATCC 10240	[-]	[Fair-good]	[-]	[-]	[25 -30 °C]	[3 -5 Day]
Trichophyton ajelloi ATCC 28454	[-]	[Fair-good]	[-]	[-]	[25 -30 °C]	[3 -7 Day]

This is to certify that this lot passes and it confirms to the above mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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