

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and Clarity of prepared medium

Light amber coloured clear to slightly opalescent gel forms in Petri plates

Reaction

Reaction of 6.5% w/v aqueous solution at 25°C. pH : 5.6±0.2

pH

5.40-5.80

Cultural Response

Cultural characteristics observed after an incubation at 25 - 30°C for 48 - 72 hours.(Incubate Trichophyton species for upto 7 days)

Organism	Inoculum (CFU)	Growth	Recovery
<i>Aspergillus brasiliensis</i> ATCC 16404	50-100	good-luxuriant	
<i>Candida albicans</i> ATCC 10231	50-100	good-luxuriant	>=70%
<i>Escherichia coli</i> ATCC 25922	50-100	good-luxuriant (Inhibited on media with lower pH)	>=70%
<i>Lactobacillus casei</i> ATCC 9595	50-100	good-luxuriant	>=70%
<i>Saccharomyces cerevisiae</i> ATCC 9763	50-100	good-luxuriant	>=70%
<i>Trichophyton rubrum</i> ATCC 28191	50-100	good-luxuriant	

Key :

Formerly known as *Aspergillus niger*

Reference

1. Murray P. R., Baron J. H., Pfaller M. A., Tenover J. C. and Tenover F. C., (Ed.), 2003, Manual of Clinical Microbiology, 8th Ed., American Society for Microbiology, Washington, D.C.
2. Sabouraud R., 1892, Ann. Dermatol. Syphil. 3 : 1061.
3. Davidson and Dowding, 1932, Arch. Dermatol. Syphilol. 26:660.
4. Davidson, Dowding and Buller. 1932. Can. J. Res. 6:1.
5. Frank L. S., 1932, Arch. Dermatol. Syphilol., 26: 457

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