SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.

Record ID: FS-TSS-0257 Revision Number: 1.0 Effective Date: 2023-08-08 12:00 AM EDT

Sabouraud Dextrose Agar (with Lecithin & Tween)
SKU: 700003235, 700003236, 700003237, 700003238
NCM0095

Intended Use
Sabouraud Dextrose Agar (with Lecithin & Tween) is used for the isolation of fungi from surfaces sanitized with quaternary ammonium compounds in a laboratory setting. Sabouraud Dextrose Agar (with Lecithin & Tween) is not intended for use in the diagnosis of disease or other conditions in humans.

Description
Sabouraud Dextrose Agar (SDA) is a modification of Dextrose Agar described by Sabouraud. SDA is used for cultivating pathogenic and commensal fungi and yeasts. The high dextrose concentration and acidic pH of the formula permits selectivity of fungi. The addition of Lecithin and Tween to Sabouraud Dextrose Agar is used to neutralize antiseptics and disinfectants for environmental monitoring and other applications. Complete neutralization of disinfectants is important. Disinfectant carryover can cause false no-growth test results.

Typical Formulation

Enzymatic Digest of Casein	5.0 g/L
Enzymatic Digest of Animal Tissue	5.0 g/L
Dextrose	40.0 g/L
Lecithin	0.7 g/L
Tween 80	5.0 g/L
Agar	15.0 g/L

Final pH: 5.6 ± 0.2 at 25°C
Formula is adjusted and/or supplemented as required to meet performance specifications.

Precaution
Refer to SDS

Preparation
1. Suspend 71 g of the medium in one liter of purified water.
2. Heat with frequent agitation and boil for one minute to completely dissolve the medium.
3. Autoclave at 121°C for 15 minutes. DO NOT OVERHEAT.
4. After cooling to 45 - 50°C aseptically pour approximately 17 mL into 65 x 15 mm plates to give a meniscus of agar which extends above the top of the plate.

Quality Control Specifications
Dehydrated Appearance: Powder is homogeneous, lumpy, and light beige.

Prepared Appearance: Prepared medium is trace to slightly hazy, and pale yellowish white in color.

Expected Cultural Response: Cultural response on Sabouraud Dextrose Agar W/ Lecithin & Tween 80 incubated aerobically at 25 - 30°C and examined for growth after 2 - 7 days.

Microorganism	Approx. Inoculum (CFU)	Expected Results
Aspergillus brasiliensis ATCC® 16404	Point Inoculation	Growth
Candida albicans ATCC® 10231	10 - 300	Growth
Penicillium roquefortii ATCC® 10110	Point Inoculation	Growth

The organisms listed are the minimum that should be used for quality control testing.

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Test Procedure

Consult appropriate references for recommended test procedures.

Results

Yeasts grow creamy to white colonies. Molds will grow fuzzy colonies of various colors. Count the number of colonies and consider the dilution factor (if the test sample was diluted) in determining the yeast and/or mold counts per gram or milliliter of material.

Expiration

Refer to expiration date stamped on the container. The dehydrated medium should be discarded if not homogeneous or appearance has changed from the original color. Expiry applies to medium in its intact container when stored as directed.

Limitation of the Procedure

Due to nutritional variation, some strains may be encountered that grow poorly or fail to grow on this medium.

Storage

Store sealed bottle containing the dehydrated medium at 2 - 8°C. Once opened and recapped, place container in a low humidity environment at the same storage temperature. Protect from moisture and light by keeping container tightly closed.

References

1. Sabouraud, R. 1892. Ann. Dermatol. Syphilol. 3:1061.
2. Jarrett, L., and A. C. Sonnenwirth (eds.). 1980. Gradwohl's and parasitic infections, 7th ed. American Public Health Association, Washington, D.C.
3. Curry, A. S., J. G. Graf, and G. N. McEwen, Jr. (eds.). 1993. CTFA Microbiology Guidelines. The Cosmetic, Toiletry and Fragrance Association, Washington, D.C.