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.

Wilkins-Chalgren Broth (NCM0219)

Intended Use
Wilkins-Chalgren Broth is used for the cultivation of anaerobic microorganisms in a laboratory setting. Wilkins-Chalgren Broth is not intended for use in the diagnosis of disease or other conditions in humans.

Description
Wilkins-Chalgren Broth is derived from Wilkins-Chalgren Agar. Wilkins-Chalgren Broth provides good growth of anaerobes. This medium was selected because it does not require the addition of blood to support satisfactory growth of most anaerobes. Wilkins-Chalgren Broth is the same formula as Wilkins-Chalgren Agar with agar omitted.

The survival of anaerobic bacteria is dependent on their sensitivity to oxygen, nutritional requirements, appropriate collection, culture medium, and incubation time and temperature.

Typical Formulation

Enzymatic Digest of Casein	10.0 g/L
Enzymatic Digest of Animal Tissue	10.0 g/L
Yeast Extract	5.0 g/L
Sodium Chloride	5.0 g/L
Dextrose	1.0 g/L
L-Arginine	1.0 g/L
Sodium Pyruvate	1.0 g/L
Hemin	0.005 g/L
Vitamin K	0.0005 g/L

Final pH: 7.1 ± 0.2 at 25°C
Formula may be adjusted and/or supplemented as required to meet performance specifications.

Precaution
Refer to SDS

Preparation
1. Dissolve 33 g of the medium in one liter of purified water.
2. Mix thoroughly.
3. Autoclave at 121°C for 15 minutes.

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

Prepared Appearance: Prepared medium is light to medium amber and clear to lightly hazy.

Expected Cultural Response: Cultural response in Wilkins-Chalgren Broth incubated anaerobically at 35 ± 2°C and examined for growth after 24 - 72 hours.

Microorganism	Approx. Inoculum (CFU)	Expected Results
Bacteroides fragilis ATCC® 25285	10 - 300	Growth
Clostridium novyi ATCC® 7659	10 - 300	Growth
Clostridium perfringens ATCC® 13124	10 - 300	Growth
Prevotella melaninogenica ATCC® 25845	10 - 300	Growth

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

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Test Procedure
For a complete discussion of aerobic and anaerobic bacteria from clinical specimens, refer to appropriate procedures outlined in the references. Refer to standard methods for the examination of bacteria in food.

Results
Refer to appropriate references for results.

Expiration
Refer to expiration date stamped on container. The dehydrated medium should be discarded if not free flowing, or if 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 dehydrated culture media at 2-30°C away from direct sunlight. 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. Wilkins, T. D., and S. Chalgren. 1976. Medium for use in antibiotic susceptibility testing of anaerobic bacteria. Antimicrob. Agents. Chemother. 10:926.
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4. Baron, E. J., L. R. Peterson, and S. M. Finegold. 1994. Bailey & Scott's diagnostic microbiology, 9th ed. Mosby-Year Book, Inc., St. Louis, MO.
5. www.fda.gov/Food/ScienceResearch/LaboratoryMethods/BacteriologicalAnalytical manualBAM/ default.htm.
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