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

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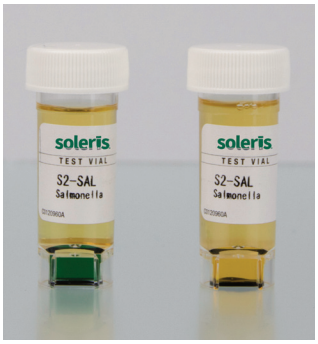
홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

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

soleris®

Salmonella Vial

Product Number: (S2-SAL)



Pictured: Soleris® vial uninoculated (left) and inoculated vial (right).

Introduction

The *Salmonella* (S2-SAL) Vial (9 mL) is a screening vial for *Salmonella* species in nutraceutical products. The vial is CO_2 vial. Following a *Salmonella* selective enrichment protocol, organisms grow in the vial broth medium. The vial has an assay time of 20 hours for most applications. As organisms grow in the broth medium, the carbon dioxide (CO_2) produced diffuses through a membrane layer into a soft agar plug containing a dye indicator. The membrane layer also serves as a barrier, eliminating product interference with the reading window. The CO_2 released during the organism growth changes the agar plug from green/blue-green to yellow. The color change in the dye is read by the instrument.

Materials Required

1. S2-SAL, *Salmonella* (S2-SAL) vial
2. For USP: Tryptic Soy Broth (BLX-TSB90)
   a. If required, use a designated neutralization broth, such as D/E Neutralizer, TAT Broth, Modified Letheen Broth, etc.
3. Rappaport-Vassiliadis *Salmonella* Supplement (BLX-RVS)
4. BLX *Salmonella* Supplement (S2-SALI)
5. Reveal® 2.0 for Salmonella (PN 9706)

Dependent on Sample Tested

1. Sterile 1 N to 5 N sodium hydroxide (NaOH) and/or hydrochloric acid (HCl)
2. pH meter or pH paper

Vial Specifications

1. Vial pH is 7.0 ± 0.2
2. Vial sample capacity up to 0.1 mL

Sample Preparation

1. For USP testing, perform 1:10 dilution by adding 10 g of sample in 90 mL of Tryptic Soy Broth (See NEOGEN® Rapid Microbiology System Validation Book, Introduction, p.5) or designated neutralization broth.
   a. Check pH and adjust, if necessary, to 7.0 ± 1.0.
2. Incubate for 18–24 hours at 35°C.
3. Transfer 1.0 mL of the incubated TSB enrichment to the Rappaport-Vassiliadis *Salmonella* Broth (BLX-RVS) and incubate for 6–8 hours at 35°C.
   a. Samples that have a high amount of background can be incubated at 42°C for 6–8 hours.

Vial Preparation

1. Remove S2-SAL vials from the refrigerator and allow to equilibrate to room temperature.

Inoculation of Vial

1. Transfer 0.1 mL of the S2 *Salmonella* Supplement (S2-SALI) to the S2-SAL vial.
2. Cap the vial and gently invert 3 times to mix sample.
3. Transfer 0.1 mL of the incubated Rappaport-Vassiliadis *Salmonella* Supplement to the S2-SAL vial.
4. Cap the vial and gently invert 3 times to mix sample. Keep cap tight.
5. Insert the vial into the Soleris instrument set at 35°C and run for the pre-programmed test duration. It is not recommended to adjust the parameters without consulting NEOGEN Technical Services.
6. If detection occurs, perform the Reveal 2.0 for *Salmonella* test.

Algorithm Utilized

Test	Threshold	Skip	Shuteye	Test Duration	Temperature
S2-SAL	8	1	25	20 hours	35°C

Salmonella Confirmation Step

1. Remove the S2-SAL vial positive (detecting) vial from the instrument.
2. Transfer 0.20 mL or 8 drops to the Reveal sample cup.
3. Remove the required number of Reveal 2.0 for *Salmonella* test devices from the container.
4. Place Reveal device with sample arrows facing down into the sample cup containing the sample and incubate at ambient temperature for 15 minutes.
5. Record Reveal results after 15 minutes.
    a. Line in both control and test zone in 15 minutes is considered presumptive positive.
    b. Line in control zone only at 15 minutes is considered negative.
    c. If no line appears in the control zone, the test is considered invalid and the sample should be retested with another device.

    NOTE: Results after 20 minutes will be invalid due to overdevelopment of the device.
6. Presumptive positive samples should be sent out for identification.

Disclaimers

Information provided is based on validation procedures that NEOGEN performed in NEOGEN Laboratories. Deviation from procedures is possible, but should be discussed with NEOGEN Technical Services.

Samples may need to be pH adjusted for all vials.

Appearance of the vials should be inspected prior to use.

If shuteye detections are observed, the threshold may need to be adjusted based on the product matrix. Certain product matrices may require parameter adjustments, including increased test duration. For more information contact NEOGEN Technical Services.

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