



## Product Specification Sheet

### SS-L04

SwabSURE Ecoli Coliform for direct detection of *E.coli* & Coliforms by colour change

Product Code	SS-L04
Description	SwabSURE Ecoli Coliform for direct detection of <i>E.coli</i> & Coliforms by colour change within 18-24 hours.
Intended Use	Direct detection of Coliforms (including <i>E.coli</i> ) using a dual colour system within the same sample.
Components	75mm Polypropylene tube & label, polypropylene screw cap, Breakpoint viscose tip swab in 150mm polypropylene tube & Label.
Contents	De-ionised Water, selective agents, Nutritive Broth, Chromogens for Coliforms & <i>E.coli</i> , Tween 80, Lecithin, Sodium Thiosulphate, Sodium Thioglycollate, Buffers to maintain pH - 7.2±0.2.
Method of Sterilisation	Terminally Sterilised (media autoclaved, swab gamma irradiated)
Shelf Life	12 months from date of manufacture for media and 24 months for swabs.
Storage Conditions	4-8°C for Media and 4-25°C for swabs. Store in dry and ventilated area; protect from light, heat and moisture in tightly closed original packaging
Precautions and Limitations	<p>1. Recommended use for the presumptive detection of <i>E.coli</i> and/or Coliforms from food contact and environmental surfaces.</p> <p>2. Kovacs (or similar reagents) can be used directly with this media for confirmation, but it is recommended to extract some test liquid from the test vial &amp; add the reagent to it in a fresh vial as the red reaction can be delayed (upto 45mins) or may even fail to react where low levels of <i>E.coli</i> are present. However, any blue/purple colouration in the original test vial can be assumed as presence of <i>E.coli</i> so untainted test liquid will be required for confirmatory subculture &amp; subsequent reagent (Kovacs) test.</p> <p>3. The organism <i>Shigella</i> spp. can colour like <i>E.coli</i>, but is quickly distinguished using Kovac/Ehrlich as indole negative (so no red ring produced). However, presence of <i>Shigella</i> spp. should still considered significant &amp; be investigated/evaluated to find contamination source.</p>
Pack Size	100 vials and swabs in a box
Other	Quality control testing details on final product: i) Verification of sterility. ii) Target Organism recovery & Final colour

This specification (and formulation where applicable) are intended for guidance only and may be adjusted to meet product defined criteria.

You should always refer to a professional with experience in your intended application if in any doubt.

Issue #: 0 Date: 01.05.2022

ProductSpec\_SS-L04