



TECHNICAL DATA SHEET

DESCRIPTION KOVACS' REAGENT, BOTTLED
SGL PRODUCT CODE 0658

Reagent for the detection of indole production.

When the reagent is exposed to a microbial culture, indole production is indicated by a deep pink colour in the amyl alcohol layer on top of a liquid medium or by a pink colouration of colonies on a plate.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Amyl alcohol	750 ml
4-dimethylaminobenzaldehyde	50.0 g
Hydrochloric acid	250 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale green to brown liquid

TEST	SPECIFICATION CRITERIA
<i>Escherichia coli</i> ATCC 8739	Pink colour in the amyl alcohol layer of a 4hr culture in peptone water
<i>Enterobacter cloacae</i> NCIB 10101	No colour change in the amyl alcohol layer of a 4hr culture in peptone water

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).