



## TECHNICAL DATA SHEET

**DESCRIPTION** KIRCHNER MEDIUM BASE, BOTTLED  
**SGL PRODUCT CODE** 0851

A medium used for the enrichment and isolation of *Mycobacterium* spp. from clinical specimens

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
di-sodium hydrogen orthophosphate	7.6 g
Magnesium sulphate heptahydrate	0.6 g
Potassium dihydrogen orthophosphate	2.0 g
tri-sodium citrate	2.5 g
Asparagine	5.0 g
Phenol red	0.01 g
Glycerol	20.0 ml
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pink/orange fluid

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 21 days	No growth detected
Incubation at 35-37°C for 21 days	No growth detected
Incubation at 42-45°C for 21 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Mycobacterium bovis</i> NCTC5692	Visible flocculate growth at 35-37°C incubation after not more than 14 days

Tested after the addition of SGL 0822 serum

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).