



TECHNICAL DATA SHEET

DESCRIPTION STREPTOMYCES AGAR, 140MM PLATES
SGL PRODUCT CODE 8209

A medium used for the cultivation and maintenance of *Streptomyces*.

FORMULATION

Typical product composition*:

| COMPONENT | WEIGHT / VOLUME |
|-------------------------------------|-----------------|
| Yeast extract | 5.0 g |
| Glucose | 5.2 g |
| Sodium chloride | 5.0 g |
| Dipotassium hydrogen orthophosphate | 2.0 g |
| Magnesium sulphate heptahydrate | 1.0 g |
| Calcium chloride dehydrate | 0.05375 g |
| Ferrous sulphate heptahydrate | 0.02 g |
| Zinc sulphate heptahydrate | 0.01 g |
| Agar | 11.0 g |
| Purified water | 1000 ml |

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

QUALITY CONTROL SPECIFICATION

| PHYSICAL TESTS | SPECIFICATION CRITERIA |
|----------------|--------------------------------------|
| Appearance | Translucent, pale straw coloured gel |
| pH at 20-25°C | 7.1 ± 0.2 |

| STERILITY TESTS | SPECIFICATION CRITERIA |
|----------------------------------|------------------------|
| Incubation at 20-25°C for 5 days | No growth detected |
| Incubation at 35-37°C for 5 days | No growth detected |
| Incubation at 42-45°C for 5 days | No growth detected |

| GROWTH PROMOTION / INHIBITION TESTS | SPECIFICATION CRITERIA |
|---------------------------------------|--|
| <i>Streptomyces griseus</i> NCTC 7807 | Good growth compared to control at 22-25°C incubation after not more than 2 days |

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).