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## Product Specification

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**Product Name:** Dextrose Tryptone Agar (DTA)

**Product Code:** SG7204

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### PRODUCT DESCRIPTION:

Dextrose Tryptone Agar (DTA) is used for the detection and enumeration of mesophilic and thermophilic aerobic organisms in food.

### Use:

Stir to suspend 30.0 g of dehydrated medium in 1L distilled H<sub>2</sub>O. Mix well with heat with frequent agitation. Boil for one minute. Autoclave for 15 minutes at 121°C to sterilize. Allow to cool (40 – 45°C) before making additions, such as antibiotics (if desired). For laboratory use only.

### Components:

Trypsin – 10.0g/L

Bromocresol Purple – 0.04g/L

Glucose – 5.0g/L

Agar – 15.0g/L

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Item	Description
<b><u>Physical and Chemical Tests</u></b>	
Appearance (dry):	Yellowish Powder
Appearance (in gel):	Yellowish Transparent Gel
pH (@25°C):	6.9 ± 0.1
<b><u>Microbiological Tests</u></b>	
<b>Thermophilic steatobacterium (ATCC7953)</b>	<b><u>Quality Control Evaluation Standards</u></b> Productivity Ratio (PR) ≥ 0.8, yellow colonies
<b>Staphylococcus aureus (ATCC 6538)</b>	Partial inhibition
<b>Escherichia coli (ATCC 25922)</b>	Partial inhibition
<b>Bacillus subtilis (ATCC 6633)</b>	Partial inhibition

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\* The microbiological test results were obtained from type cultures after incubation at a temperature of 55°C and observed after 24 hours.

**Storage:** Store in a dry and dark place at room temperature. Tighten the cap immediately after use.