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## Product Specification

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**Product Name:** Tetrathionate Broth Base (TTB)

**Product Code:** SG7250 / SG7251

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### PRODUCT DESCRIPTION:

Tetrathionate Broth Base (TTB) is used for the selective enrichment of Salmonella species from foods, water and other materials. This product is available in both dehydrated and granulated form.

### Use:

Stir to suspend 93.6 g of dehydrated/granulated medium in 1L distilled H<sub>2</sub>O. Mix well with heat with frequent agitation. Boil for one minute to completely dissolve the powder. Do not autoclave. Allow it to cool to 30°C. Add one vial of 0.1% Brilliant Green Aqueous Solution (SG7253) and one vial of Iodine Solution (SG7252) to every 100mL of the base culture medium to make sodium tetrathionate brilliant green enrichment solution. For laboratory use only. The culture medium with brilliant green and iodine solution should be used on the same day and cannot be heated again.

### Components:

Peptone – 9.0g/L

Beef Extract – 4.5g/L

Sodium Chloride – 2.7g/L

Calcium Carbonate – 40.5g/L

Anhydrous Sodium Thiosulfate – 31.9g/L

Ox Bile Salts – 5.0g/L

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Item	Description
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### Physical and Chemical Tests

**Appearance:** Yellowish Powder / Granules

**pH (@25°C):** 7.4 – 7.8

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