

**LEGIONELLA GROWTH SUPPLEMENT (BCYE)****TS 114****Description**

Supplement contains ingredients which are targeted to selective isolation of *Legionella* species in **LEGIONELLA AGAR BASE (TM 1218)**.

Composition**Ingredients**

Buffer ACES/Potassium Hydroxide	1.00gm
Alpha-Ketoglutarate	0.100gm
L-Cysteine HCl	0.040gm
Ferric Pyrophosphate	0.025gm

(Per vial, sufficient for 100 ml of sterilized medium)

Storage

Vials should be stored in sealed container at 2-8°C, dry location and protected from direct sunlight.

Instructions for use

Aseptically rehydrate 1 vial contents to 15ml of sterile distilled water and add it to 85ml of sterile, cooled (45 - 50°C), molten medium. Mix carefully and dispense as desired. Use the medium according to the manufacturer's recommendation. For long storage the prepared media plates should keep inverted at 4°C up to 7 days.

If, further selectivity is desired, reconstitute the contents of 1 vial of **Legionella GVPC Supplement** (TS 115) in 10 ml sterile water/acetone 1:1 and add it to 500 ml Legionella Agar Base (TS 1218).

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculating (10^3 - 10^4 CFU/ml), on incubation at 35 - 37°C for 48 - 72 hour upto 10 days, w/ added Legionella GVPC Supplement (TS 115).

Microorganisms	ATCC	Inoculum (CFU/ml)	Growth and Colony colour
<i>Legionella dumoffii</i>	33343	10^3	Good, white colour
<i>Legionella pneumophila</i>	33153	10^3	Good, white colour
<i>Escherichia coli</i>	25922	10^4	Inhibited
<i>Staphylococcus epidermidis</i>	12228	10^4	Inhibited