



71476

## BG-11 Broth (Blue-Green Medium)

Part D

### Specifications

Appearance (Colour)	Off white to cream
Appearance (Form)	Free flowing homogeneous powder
Solubility	1.637 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent, may have presence of slight precipitate
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent, may have presence of slight precipitate
Prepared Medium Appearance after autoclaving (Colour)	Colourless
Cultural Response	Inoculate and incubate at 20-25°C for 1 week
Organism	Synechocystis species PCC6803 ATCC 27184
Inoculum (cfu) 10-100	Growth : Good

### Other Information

#### Applications

For culture and maintenance of cyanobacteria.

#### Composition

Ingredients	gm/lt.
Sodium nitrate	1.50
Dipotassium hydrogen phosphate	0.0314
Magnesium sulphate	0.036
Calcium chloride	0.0367
Sodium carbonate	0.020
Disodium magnesium EDTA	0.001
Citric acid	0.0056
Ferric ammonium citrate	0.006

#### Directions

1. Add 1.637 gm powder to distilled/purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15psi pressure at 121°C for 15 minutes.

Note : For marine species make a solution of 10 g/L sodium chloride and 1 µg/L Vitamin B12 Add 20 ml of this solution (sterile-filtered) to 1 litre medium.

### General Information

Storage

8 to 25°C (Cool & Dry Area)

Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

### Available Packages

100 Gms

500 Gms

---

#### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com

---