

FORM FOR SUBMISSION OF ALGAL CULTURE/PASSPORT DATA
NATIONAL REPOSITORY FOR MICROALGAE AND CYANOBACTERIA- FRESH WATER (NRMCF)

(DBT-sponsored)

Department of Microbiology Bharathidasan University, Tiruchirappalli- 620 024.

For NRMCF use only

Requisition Number : L 81

Repository Code No :

NRMCF Number : NRMCF0109

1. Person depositing the strain:

Name of the depositor: Unnamed

Designation: Research Scholar

Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University, Tiruchirappalli.

Mob. No:

E-mail address: nrmcf.bdu@gmail

Type of culture: Green algae Cyanobacteria Diatom

Name of the culture: *Chlorococcum* sp

Gene bank accession number if any:

2. Taxonomical information:

Strain identification number (s) assigned: By the collector and/or depositor: L 81

Division: Chlorophyta

Class: Chlorophyceae

Order: Chlorococcales

Family: Chlorococcaceae

Scientific name with citation

of authority: *Chlorococcum* sp (Meneghini, 1842)

Taxonomical reference used for identification: Chlorococcales (1967), M.T Philipose, Pg.No. 72

3. Maintenance conditions now used:

a) Name of the culture media: BG11+

b) Preferred maintenance conditions:

pH

Temperature

Light Intensity

Salinity

Light period

Habitat: Fresh water

Place of Collection:

Latitude and Longitude: 10° 49'02.47"; 79° 51'72.0"

Purification method: Spread plate

4. Molecular characterization if any:

5. Image details

Size: Adult cells -2.42 -3.85 µm

Description:

Cells are solitary and aggregated, Spherical to ellipsoid, No contractile vacuoles, one pyrenoid present.

