FORM FOR SUBMISSION OF ALGAL CULTURE/PASSPORT DATA

NATIONAL REPOSITORY FOR MICROALGAE AND CYANOBACTERIA-FRESH WATER (NRMC-F)

(DBT-sponsored)

Department of Microbiology Bharathidasan University, Tiruchirappalli- 620 024.

For NRMC-F use only

Requisition Number : NTL 22

Repository Code No :

NRMC-F Number : NRMCF0126

1. Person depositing the strain

Name of the depositor: F. Lewis Oscar

Designation: Research Scholar

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

Mob. No: E-mail address: kepler619@gmail.com

Type of culture: ■ Green algae ☐ Cyanobacteria ☐ Diatom

Name of the culture: *Chlorococcum hypnosporum*

Gene bank accession number if any:

2. Taxonomical information

Strain identification number (s) assigned: By the collector and/or depositor: NTL 22

Division: Chlorophyta

Class: Chlorophyceae

Order: Chlorococcales

Family: Chlorococcaceae

Scientific name with citation of authority: *Chlorococcum hypnosporum* (Schrank) Meneghini

Taxonomical reference used for identification: (Schrank) Meneghini 1842: 27,pl. 2: fig 3.

3. Maintenance conditions now used

a) Name of the culture media: $BG11^{+}$

b) Preferred maintenance conditions:

pH: 7 Temperature: 25° C

Light Intensity: 3000 Lux Salinity: 0

Light period: 8 L + 16 D

Habitat: Fresh water

Place of Collection: Mandapam

Latitude and Longitude:

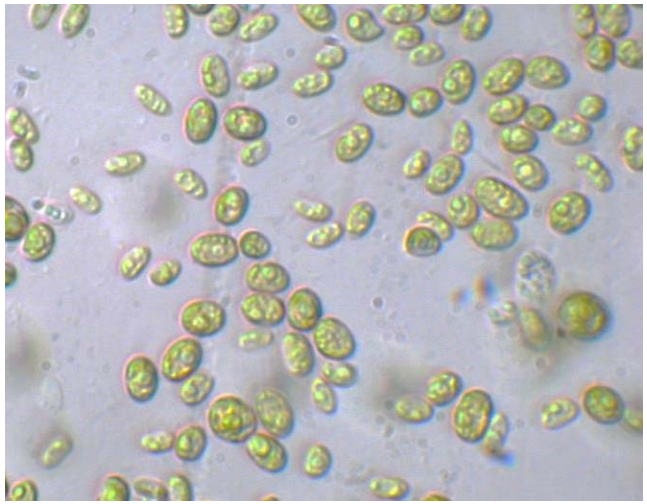
Purification method: Spread plate

4. Molecular characterization if any

5. Image details

Size: Length- 8.1 -9.5 µm; width- 4.4 -5.3 µm

Description:

Oval shaped cells, pyrenoids near the membrane, oval cells mature to slightly spherical cells.

http://www.algaebase.org/search/species/detail/?species_id=27399