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 20

Repository Code No :

NRMC-F Number :

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* sp

Gene bank accession number if any:

2. Taxonomical information

Strain identification number (s) assigned: By the collector and/or depositor: NTL 20

Division: Chlorophyta

Class: Chlorophyceae

Order: Chlorococcales

Family: Chlorococcaceae

Scientific name with citation of authority: *Chlorococcum* sp (Meneghini, 1842)

Taxonomical reference used for identification: M.T. Philipose, 1967

3. Maintenance conditions now used

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

b) Preferred maintenance conditions:

pH **7** Temperature **25^{o} C**

Light Intensity 3000 Lux Salinity **2**

Light period **8 L + 16 D**

Habitat: Fresh water

Place of Collection: Mandapam

Latitude and Longitude:

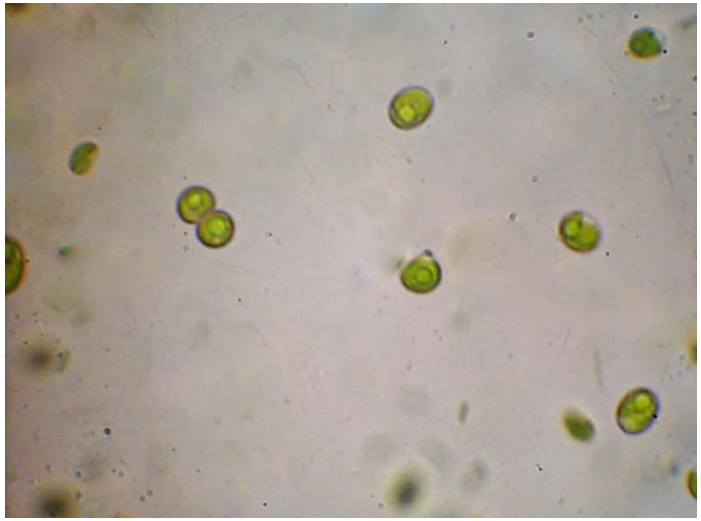
Purification method: Spread plate

4. Molecular characterization if any

5. Image details

Size:

Adult cells- 5.4 x 7.56 µm

Description:

Spherical or slightly Oval, one visible pyrenoids, chloroplast aggregated at the periotal region