

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 : BUM11005
Repository Code No :
NRMCF Number : NRMCF0102

1. Person depositing the strain

Name of the depositor: R. Praveen Kumar
Designation: Ph. D
Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University, Tiruchirappalli.

Mob. No: E-mail address: srkural.bdu@gmail.com

Type of culture: Green algae Cyanobacteria Diatom

Name of the culture: *Chlorella* sp
Gene bank accession number if any: KC218481

2. Taxonomical information

Strain identification number (s) assigned: By the collector and/or depositor:
BUM11005
Division: Chlorophyta
Class: Trebouxiophyceae
Order: Chlorellales
Family: Chlorellaceae
Scientific name with citation
of authority: *Chlorella* sp (Beijerinck, 1890)
Taxonomical reference used for identification: M.T. Philipose, 1967

3. Maintenance conditions now used

a) Name of the culture media: CHU 10

b) Preferred maintenance conditions:

pH Temperature
Light Intensity Salinity

Light period: 12/12 light/ dark period

Habitat: Freshwater

Place of Collection: Mathur

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

Purification method: Spread Plate

4. Molecular characterization if any

5. Image details

Size: 5- 8 µm

Description:

Spherical cells, Pyrenoids not visible, aggregation of chloroplast in the peritrial region, smooth cell wall.

