

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

Department of Microbiology Bharathidasan University, Tiruchirappalli- 620 024.

For NRMCF use only

Requisition Number : L 48
Repository Code No :
NRMCF Number : NRMCF0105

1. Person depositing the strain:

Name of the depositor: Unknown

Designation: Ph.D

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

Mob. No:

E-mail address: nrmcf.bdu@gmail.com

Type of culture: Green algae Cyanobacteria Diatom

Name of the culture: *Chlorella vulgaris*

Gene bank accession number if any:

2. Taxonomical information:

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

NCPRL 16

Division: Chlorophyta

Class: Trebouxiophyceae

Order: Chlorellales

Family: Chlorellaceae

Scientific name with citation

of authority: *Chlorella vulgaris* (Beijerinck, 1980)

Taxonomical reference used for identification: Pg.No. 173, 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:

Habitat: Freshwater

Location: Lucknow

Latitude and longitude:

Purification method: Spread plating

4. Molecular characterization if any:

5. Image details

Size: Adult cell- 8.2 µm

Description:

Solitary cells, slightly oval, single pyrenoid,
chloroplast parietal, daughter cell releases
by rupturing of cells.

