

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 76
Repository Code No :
NRMCF Number : NRMCF0107

1. Person depositing the strain

Name of the depositor: A. Ilavarasi

Designation: Research Scholar

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

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

Type of culture: Green algae Cyanobacteria Diatom

Name of the culture: *Chlorella* sp

Gene bank accession number if any:

2. Taxonomical information

Strain identification number (s) assigned: By the collector and/or depositor: L 76

Division: Chlorophyta

Class: Trebouxiophyceae

Order: Chlorellales

Family: Chlorellaceae

Scientific name with citation
of authority: *Chlorella* sp.

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 Temperature

Light Intensity Salinity

Light period

Habitat: Fresh water

Location: BDU, Sooriyur

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

Purification method: Spread plate

4. Molecular characterization if any

5. Image details

Size: 8.1 – 10.8 µm

Description:

Oval Shaped Cells, Cell wall smooth,
pyrenoids visible, chloroplast at one side,
reproduction by cell division causing equal
partition of chloroplast.

