

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 2

Repository Code No :

NRMCF Number : NRMCF044

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: mubinano@gmail.com

Type of culture: Green algae Cyanobacteria Diatom

Name of the culture: *Synechococcus elongatus*

Gene bank accession number if any:

2. Taxonomical information:

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

L2

Division: Cyanophyta

Class: Cyanophyceae

Order: Synechococcales

Family: Synechococcaceae

Scientific name with citation

of authority: *Synechococcus elongatus*

Taxonomical reference used for identification: Cyanophyta, T.V. Desikachary, Pl.25, Fig. 7,8

3. Maintenance conditions now used:

a) Name of the culture media: BG11+

b) Preferred maintenance conditions:

pH

Temperature

Light Intensity

Salinity

Light period

Habitat: Freshwater

Place of Collection: Mathur

Latitude & Longitude:

Purification method: Spread plate

4. Molecular characterization if any:

5. Image details

Size: 2.7 width x 3.24 µm length

Description:

Cells short rod like structure. Single or together, light blue green colour

