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 : NTL15 (2)

Repository Code No :

NRMC-F Number : NRMCF0121

1. Person depositing the strain

Name of the depositor: A. Ilavarasi

Designation: Ph.D

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

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

Type of culture: ■ Green algae ☐ Cyanobacteria ☐ Diatom

Name of the culture: *Vischeria* sp

Gene bank accession number if any:

2. Taxonomical information

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

Division: Chlorophyta

Class: Chlorophyceae

Order: Eustigmatales

Family: Eustigmataceae

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

Taxonomical reference used for identification: *Vischeria* sp (Guiry and Guiry, 2013; Ott and Oldham-Ott, 2003): 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 **0**

Light period **8 L + 16 D**

Habitat: Fresh water

Place of Collection: BDU, Sooriyur

Latitude and Longitude:

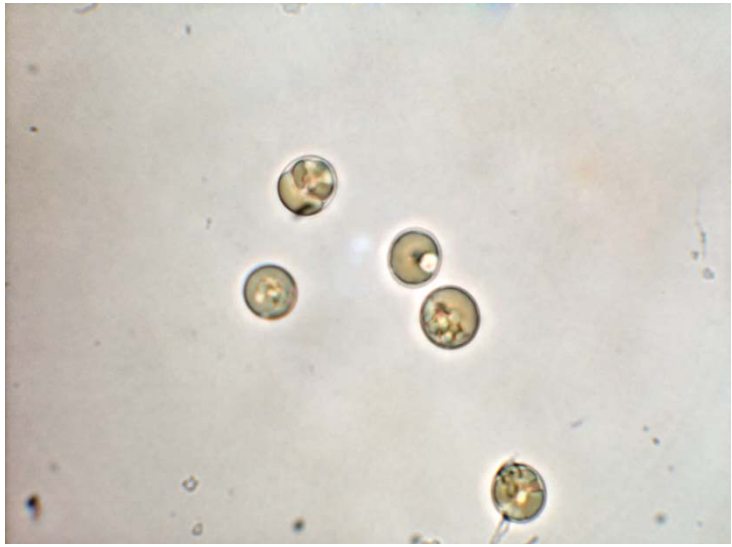
Purification method: Spread plate

4. Molecular characterization if any

5. Image details

Size: 8.1 – 10.8 µm

Description:

Unicells, pale green colour spherical, one or more vacuoles.

- Guiry, M.D. and G.M. Guiry 2014. *AlgaeBase*. World-wide electronic publication, National University of Ireland, Galway. http://www.algaebase.org; searched on 17 April 2014.