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 : Q 96
Repository Code No :
NRMC-F Number : NRMCF057

1. Person depositing the strain:

Name of the depositor: F. Lewis Oscar
Designation: Ph. D (Pursuing)
Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University, Tiruchirappalli.

Mob. No: E-mail address: kepler619@gmail.com

Type of culture: ☐ Green algae ■ Cyanobacteria ☐ Diatom

Name of the culture: *Calothrix contarenii* (Zanard)
Gene bank accession number if any:

2. Taxonomical information:

Strain identification number (s) assigned: By the collector and/or depositor: Q96
Division: Cyanophyta
Class: Cyanophyaceae
Order: Nostacles
Family: Rivulariaceae
Scientific name with citation of authority: *Calothrix contarenii* (Zanard)
Taxonomical reference used for identification: Cyanophyta, T.V. Desikachary, Pl.111, Figs.2, 5-8

3. Maintenance conditions now used:

a) Name of the culture media: BG11-
b) Preferred maintenance conditions:

pH: 7 Temperature: 25° C
Light Intensity: 3000 Lux Salinity: 0
Light period: 8 L + 16 D

Habitat: Freshwater
Place of Collection: BDU
Latitude & Longitude:
Purification method: Spread plate

4. Molecular characterization if any:

5. Image details

Size: 9-15 µm
Description:
Thalus crustaceous, compact, orbicular, dule green, base swollen, unlamellated, dilated like a funnel, 1 heterocyst.