

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 58
Repository Code No :
NRMCF Number : NRMCF049

1. Person depositing the strain:

Name of the depositor: D. Mubarak Ali
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: *Oscillatoria* sp Vaucher

Gene bank accession number if any:

2. Taxonomical information:

Strain identification number (s) assigned by the collector and/or depositor: L 58

Division: Cyanophyta

Class: Cyanophyceae

Order: Oscillatoriales

Family: Phormidiaceae

Scientific name with citation of authority: *Oscillatoria* sp Vaucher

Taxonomical reference used for identification: Cyanophyta, T.V. Desikachary, Pg. 198.

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:

Latitude & Longitude:

Purification method: Spread plate

4. Molecular characterization if any:

5. Image details

Size: 4.7 μ m broad cells

Description:

Filamentous, trichome not constricted, not granulated, apical straight and blunt.

