

Separation of Entermorpha using p-CEC system

1. Instruments and Reagent

Experiments were performed on a TriSep™-2100 Capillary Electrochromatography system (Unimicro Technologies, Inc.) with a 0-30kV high voltage power supply, a high speed scanning UV detector, a solvent delivery system and HW system software.

Reagent: Methanol (HPLC grade); deionized water; ethanol(AR)

2. Conditions

Capillary Column: EP100-20-45-3 C18

Mobile phase: A: methanol : water = 10 : 90

B: methanol

Gradient: 0-100%B in 20 minutes

Flow: 0.02ml/min

High voltage: 5kV

Wavelength: 214nm

Temperature: Room temperature

Back pressure: 2000Psi

3. Results

