

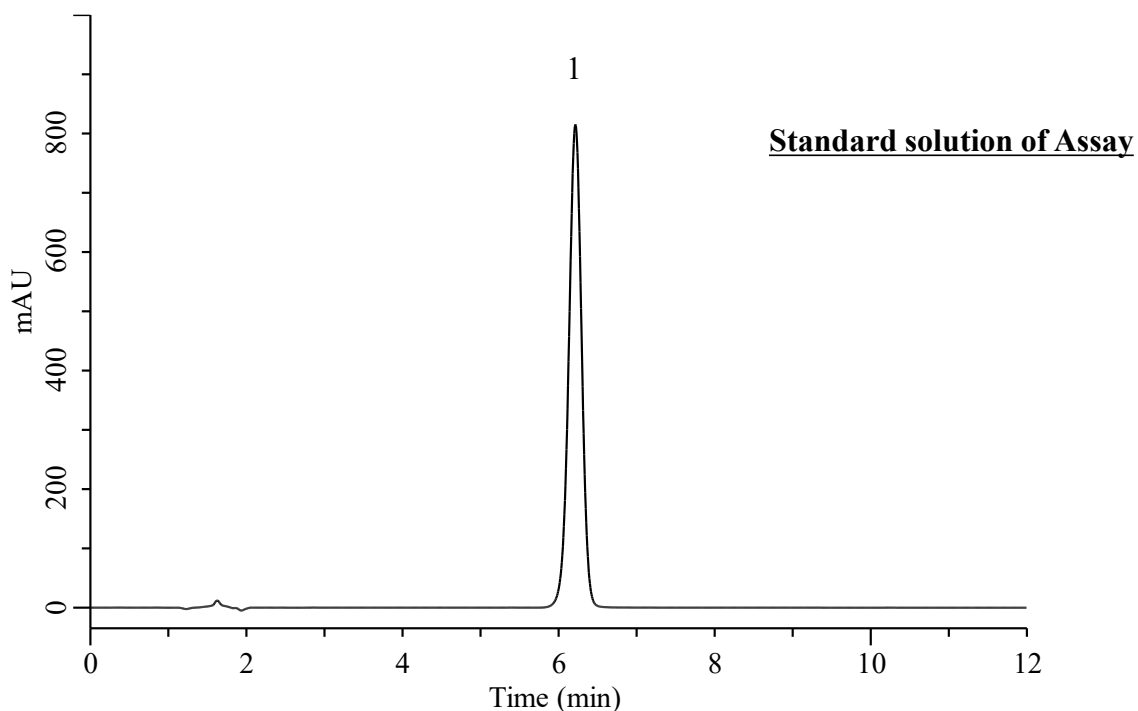
InertSearch for LC

Inertsil Applications

Analysis of Paclitaxel

(Under the Condition of USP43-NF38, Paclitaxel Injection)

Data No. LB883-7111



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain PFP (GL Sciences Inc.)
(5 μ m, 250 x 4.0 mm I.D.)
Column Cat. No. : 5020-87723
Eluent : CH₃CN/H₂O = 45/55, v/v
Flow Rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 227 nm (5430 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Paclitaxel 0.6 mg/mL
Retention Time : 6.21 (6.0 – 10.0)
RSD of the peak area (%) (n=6) : 0.65 (\leq 1.5)