

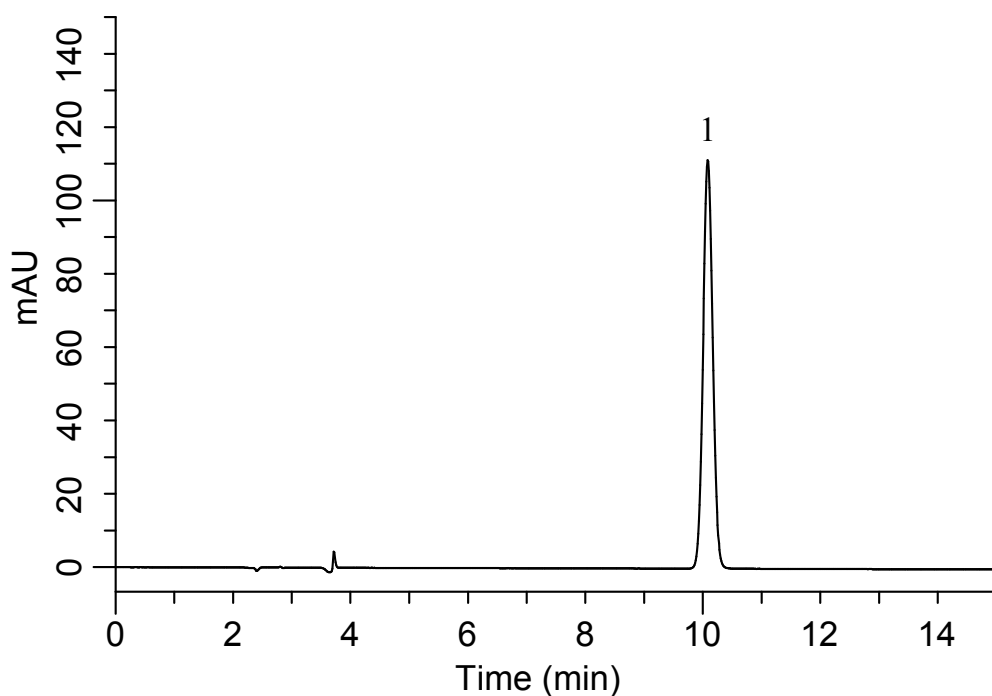
InertSearch™ for LC

Inertsil® Applications

Analysis of Caffeine

(Under the Condition of the Japanese Standards of Quasi-drug Ingredients,
Coffee Extract)

Data No. LB515-0919



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) CH₃CN
B) 0.1 % H₃PO₄ in H₂O
A/B = 3/22, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 280 nm (PD7752 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Caffeine 25 mg/L