

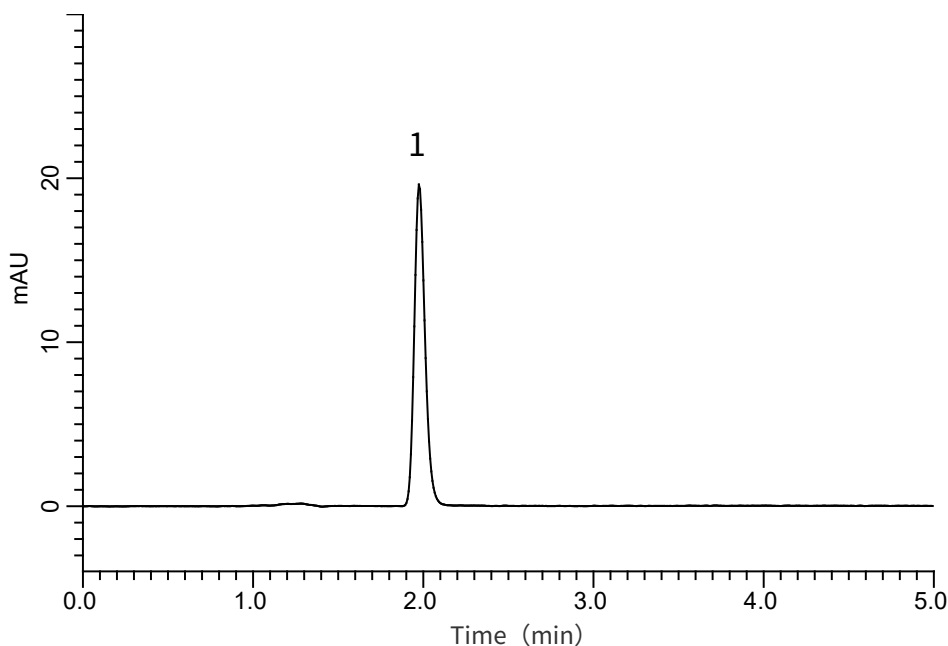
InertSearch™ for LC

Inertsil® Applications

Analysis of L-Carbocysteine

(Under the Condition of the Japanese Pharmacopoeia, L-Carbocysteine Tablets)

Data No. LB245-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : 0.1 % TFA in H₂O
Flow Rate : 1.75 mL/min
Col. Temp. : 20 °C
Detection : UV 240 nm (GL-7452 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. L-Carbocysteine 140 mg/L
Theoretical plates : 4,843 ($\geq 1,500$)
Tailing factor : 1.23 (≤ 2.0)
RSD of the
peak area (%) (n=6) : 0.29 (≤ 1.0)