

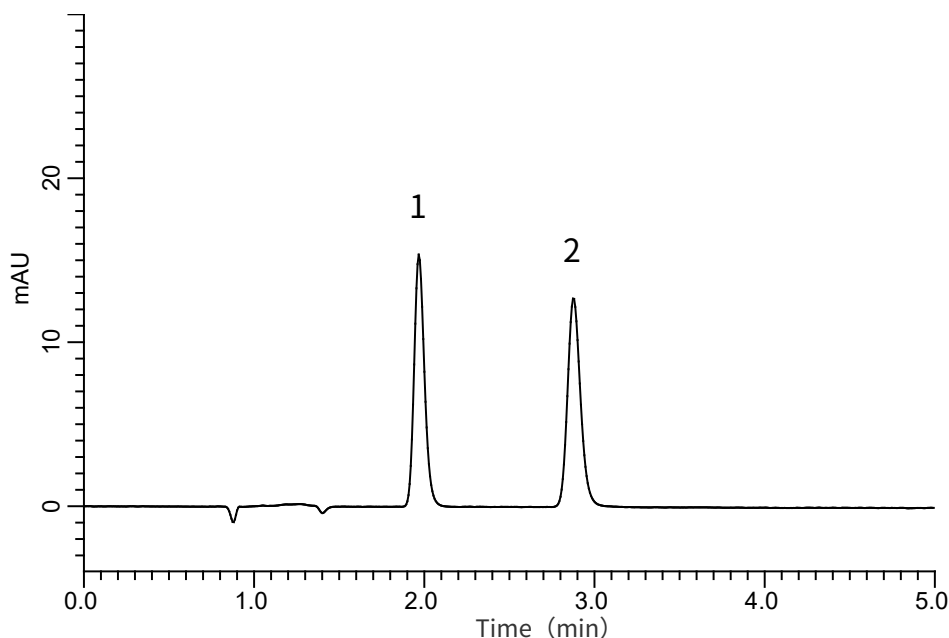
InertSearch™ for LC

Inertsil® Applications

Analysis of L-Carbocysteine

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

Data No. LB246-0894



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. : 5 μ L
Sample : Standard

Analyte:

1. L-Carbocysteine 400 mg/L
2. Nicotinic acid 900 mg/L
Resolution (1, 2) : 7.4 (≥ 4)
RSD of the peak
area ratio of 1 to 2 (%) (n=6) : 0.15 (≤ 1.0)