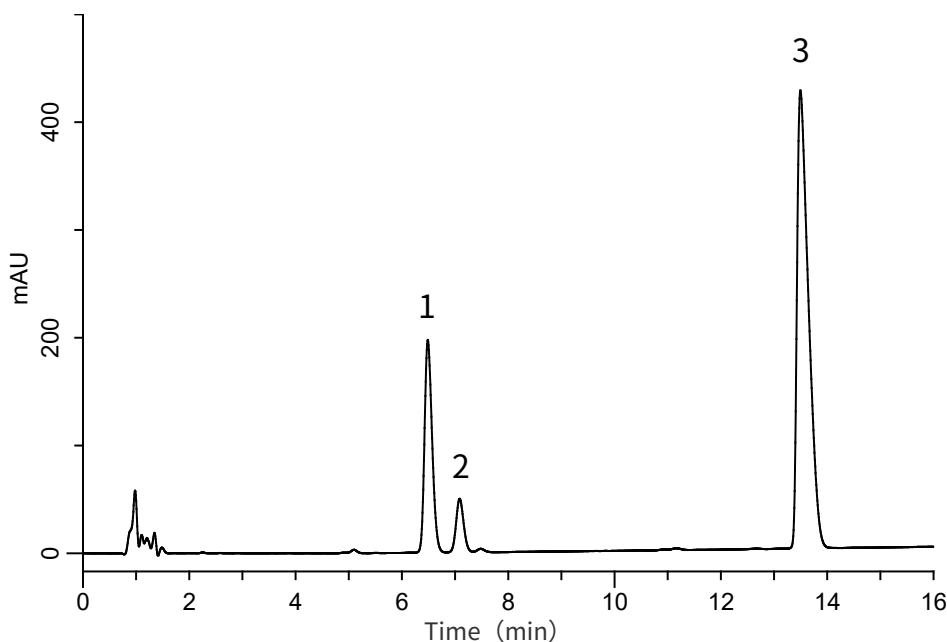


InertSearch™ for LC

Inertsil® Applications

Analysis of Montelukast sodium (Oxidative degradation products)

Data No. LB208-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain Phenyl HP
(3 µm, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-16532
Eluent : A) H₂O/TFA = 1000/1.5, v/v
B) CH₃CN/TFA = 1000/1.5, v/v

Analyte:

1. Impurity
2. Impurity
3. Montelukast sodium

Time(min)	A(vol%)	B(vol%)
0	60	40
3	60	40
16	49	51

Flow Rate : 1.2 mL/min
Col. Temp. : 30 °C
Detection : UV 238 nm (GL-7452 PDA Detector)
Injection Vol. : 10 µL
Sample : Oxidative degradation products of Montelukast sodium