

InertSearch™ for LC

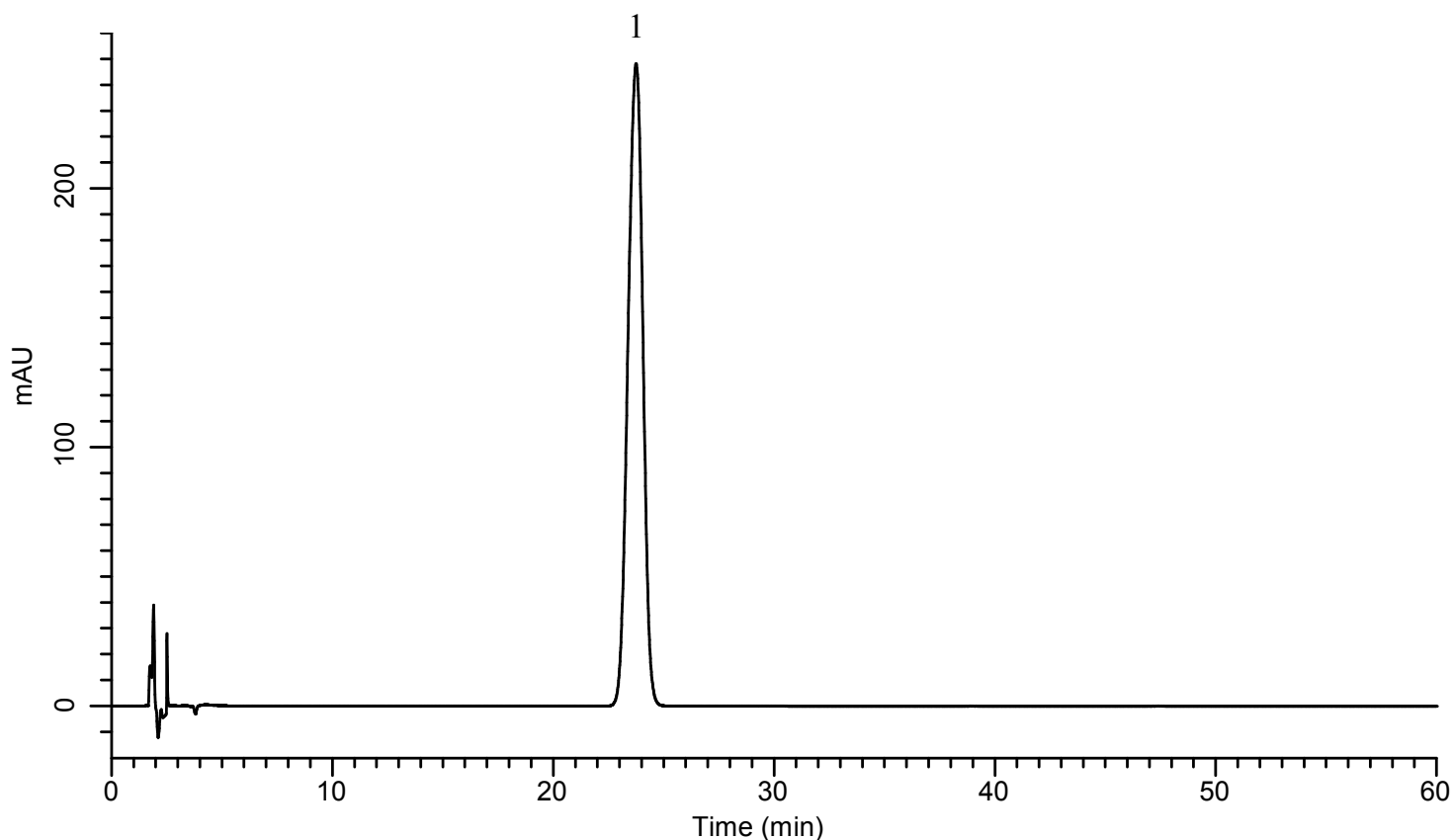
Inertsil™ Applications

Analysis of Ezetimibe

(Under the Condition of USP41-NF36, Ezetimibe Tablets)

Data No. LB550-0812

Standard solution of Assay



Conditions

System : GL7700 HPLC system
Column : InertSustainSwift C18 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-88026
Eluent : CH₃CN/THF/Buffer* = 25/10/65, v/v
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 232 nm (PD7752 UV Detector)
Injection Vol. : 30 μ L
Sample : Standard

Analyte:

1. Ezetimibe 200 mg/L

Symmetry factor (1) : 0.96 (< 1.5)
RSD of the peak area of 1 (%) (n=6) : 0.07 (< 1.0)

*6.8 g/L of Potassium dihydrogenphosphate Solution.