

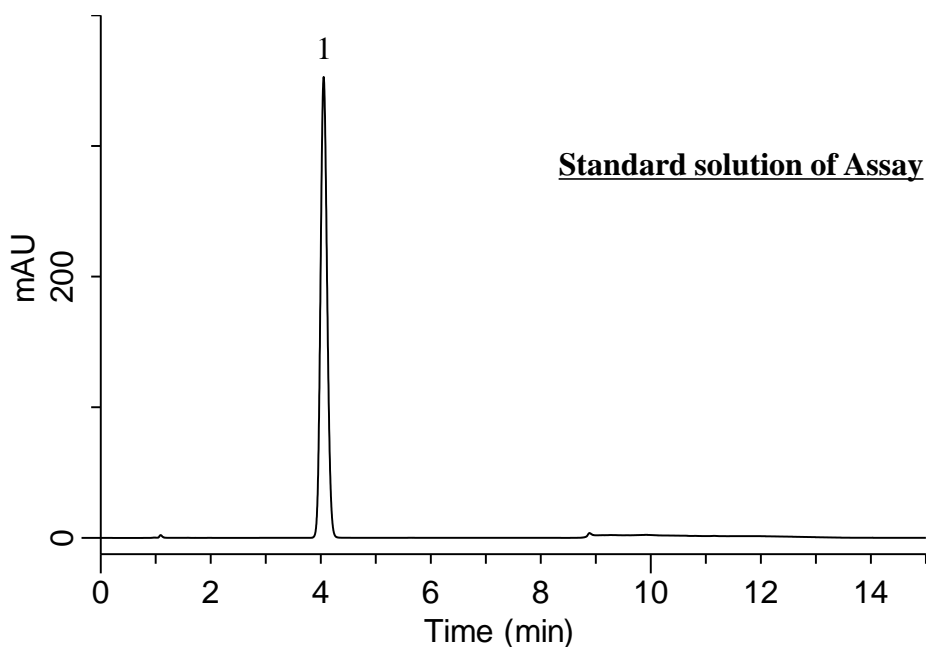
InertSearch for LC

Inertsil Applications

Analysis of Levetiracetam

(Under the Condition of USP42-NF37 1S, Levetiracetam Oral Solution)

Data No. LB638-0871



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
B) 0.1% H₃PO₄ in H₂O

Time (min)	A (vol%)	B (vol%)
0.0	8	92
6.0	8	92
7.0	60	40
10.0	60	40
11.0	8	92
15.0	8	92

Flow rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 230 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Levetiracetam 1000 mg/L

Symmetry factor (1) : 1.10 (\leq 2.0)
RSD of the peak area of 1 (%) (n=6) : 0.01 (\leq 2.0)