

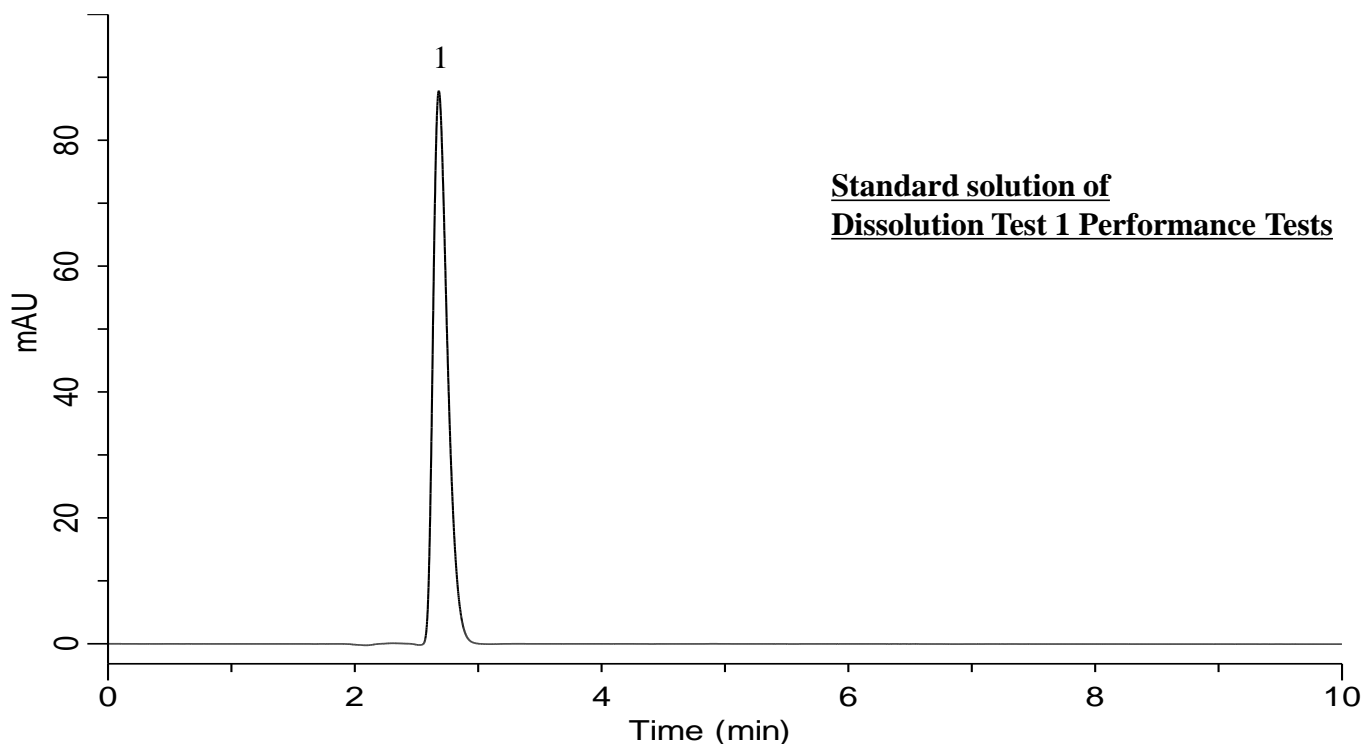
InertSearch™ for LC

Inertsil™ Applications

Analysis of Venlafaxine hydrochloride

(Under the Condition of USP41-NF36, Venlafaxine Hydrochloride
Extended-Release Capsules)

Data No. LB622-0812



Standard solution of
Dissolution Test 1 Performance Tests

Conditions

Column : InertSustain C18 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : CH₃CN/ TEA/ H₂O = 450/4/550*
Flow rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 274 nm (UV7750 UV Detector)
Injection Vol. : 60 μ L
Sample : Standard

*Adjust with phosphoric acid to a pH of 3.5.

Analyte:

1. Venlafaxine hydrochloride 0.05 mg/mL

Symmetry factor of (1) : 1.47(< 2.5)

RSD of the peak area of 1 (%) (n=6)

: 0.01(< 2.0)