

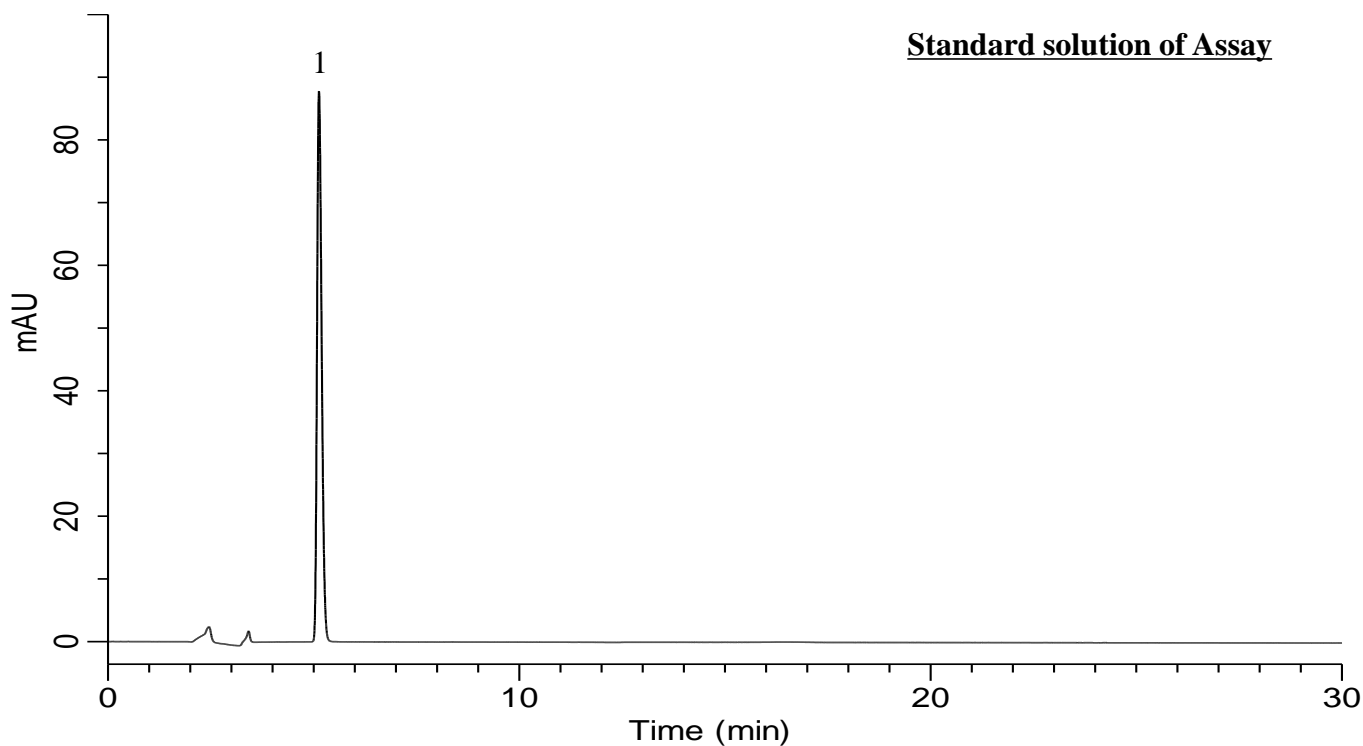
InertSearch™ for LC

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Analysis of Venlafaxine hydrochloride

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

Data No. LB620-0812



Standard solution of Assay

Conditions

Column : InertSustain C18 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : CH₃CN/Buffer* = 30/70
Flow rate : 1.5 mL/min
Col. Temp. : 30 °C
Detection : UV 275 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Venlafaxine hydrochloride 0.3 mg/mL

Symmetry factor of (1) : 1.31(< 2.0)

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

: 0.05(< 2.0)

* 3.4 g of potassium dihydrogen phosphate in 700 mL of water.

Add 5 mL of trimethylamine, and adjust with phosphoric acid to a pH of 3.0.