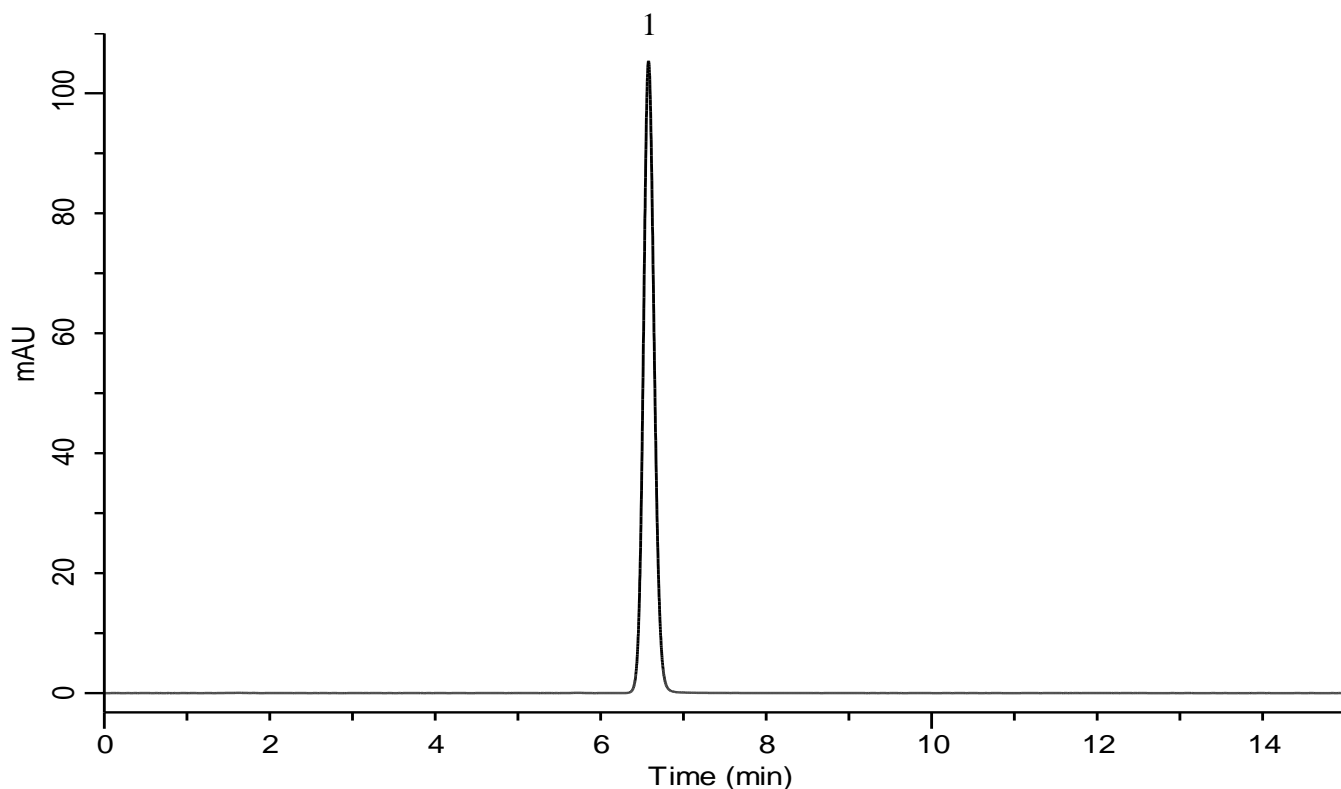


Analysis of Mirtazapine

(Under the Condition of USP41-NF36, Mirtazapine Orally Disintegrating Tablets)

Standard solution of Assay



Conditions

System	: GL7700 HPLC system	Analyte:	
Column	: InertSustainSwift C18 (5 μ m, 150 x 4.6 mm I.D.)	1. Mirtazapine	36 mg/L
Column Cat. No.	: 5020-88026		
Eluent	: CH ₃ CN/Buffer* = 25/75, v/v		
Flow rate	: 1.0 mL/min		
Col. Temp.	: 40 °C	Symmetry factor (1)	: 1.09 (< 2.0)
Detection	: UV 290 nm (UV7750 UV Detector)	RSD of the peak area of 1 (%) (n=6)	: 0.04 (< 2.0)
Injection Vol.	: 20 μ L		
Sample	: Standard		

*Dissolve 1 g of monobasic potassium phosphate and 1.7 g of pentanesulfonic acid sodium salt in 1 L of water. Adjust with Diluted phosphoric acid to a pH of 4.7 ± 0.1 , and filter.