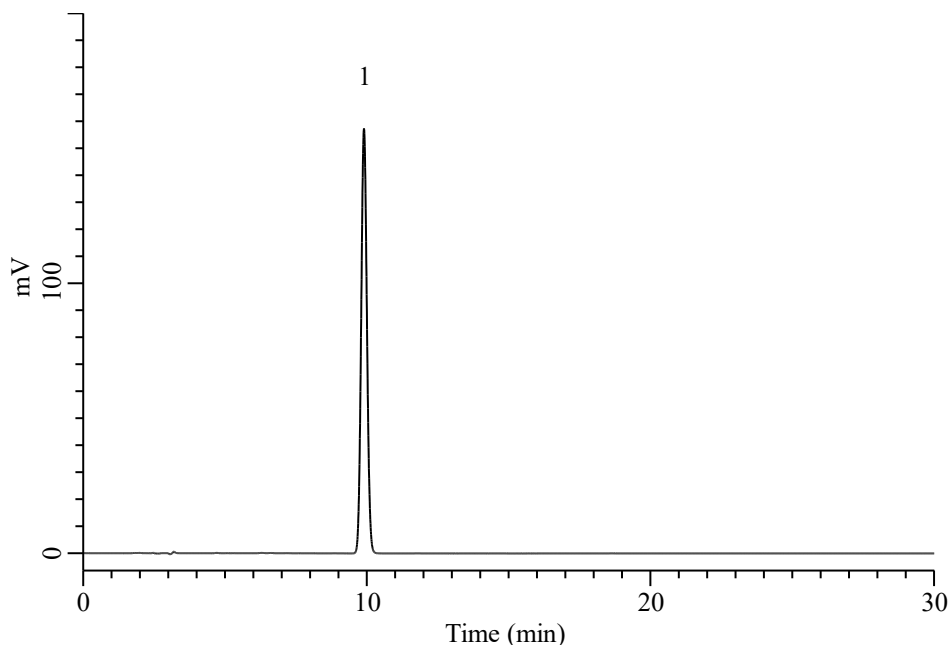


Analysis of Eplerenone

(Under the Condition of draft for USP, Eplerenone, ASSAY)



Conditions

System	: Primaide (HITACHI)	Analyte:	
Column	: Inertsil ODS-3 (GL Sciences Inc.) (5 μ m, 250 x 4.6 mm I.D.)	1. Eplerenone	0.05 mg/mL
Column Cat. No.	: 5020-01732		
Eluent	: A) Solution* B) 0.1% Phosphoric acid in H ₂ O A/B = 52/48, v/v	Tailing factor	: 1.06 (0.8 – 1.8)
Flow Rate	: 1.0 mL/min	RSD of the peak area (%) (n=6)	: 0.59 ($\leq$ 0.73)
Col. Temp.	: 30 °C		
Detection	: UV 240 nm (Primaide 1430 DAD)		
Injection Vol.	: 20 μ L		
Sample	: Standard in CH ₃ OH/CH ₃ CN/H ₂ O = 25/25/50, v/v/v		

* CH₃OH/CH₃CN/Phosphoric acid = 60/40/0.1, v/v/v