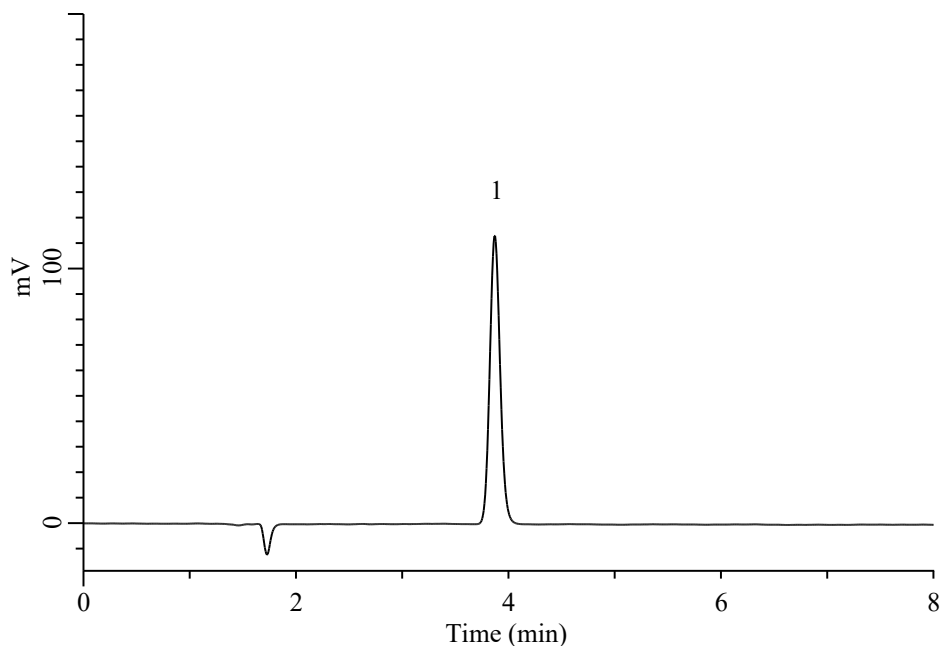


Analysis of Eplerenone

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



Conditions

System	: Primaide (HITACHI)	Analyte:	
Column	: InertSustain AQ-C18 (GL Sciences Inc.) (5 μ m, 150 x 4.6 mm I.D.)	1. Eplerenone	0.025 mg/mL
Column Cat. No.	: 5020-89730		
Eluent	: A) CH ₃ CN B) Buffer* A/B = 50/50, v/v	Tailing factor	: 1.10 (0.8 – 1.8)
Flow Rate	: 1.0 mL/min	RSD of the peak area (%) (n=6)	: 0.58 ($\leq$ 0.1)
Col. Temp.	: 30 °C		
Detection	: UV 240 nm (Primaide 1430 DAD)		
Injection Vol.	: 10 μ L		
Sample	: Standard in CH ₃ CN/H ₂ O = 50/50, v/v		

* Combine 2 mL of acetic acid, glacial and 950 mL of water, and add 1 mL of triethylamine. Adjust with acetic acid, glacial to a pH of 3.2. Dilute with water to 1000 mL.