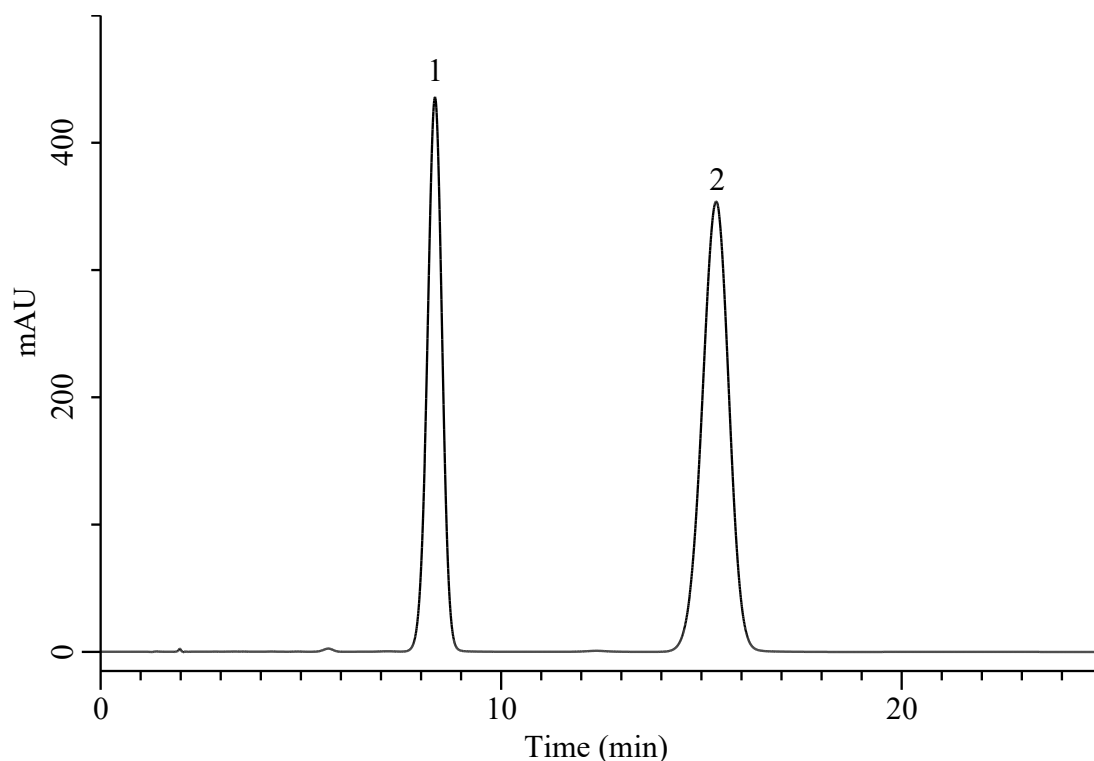


Analysis of Progesterone and Methyltestosterone

(Under the Condition of USP43-NF38, Progesterone Assay)



Conditions

System	: Chromaster PLUS HPLC system (HITACHI)	Analyte :	
Column	: Inertsil WP300 C18 (GL Sciences Inc.) (10 μ m, 300 x 4.0 mm I.D.)	1. Methyltestosterone	1.0 mg/mL
Column Cat. No.	: 5020-90837	2. Progesterone	0.66 mg/mL
Eluent	A) H ₂ O B) 2-Propanol : A/B = 72/28, v/v	Resolution	: 7.23 (≥ 3.5)
Flow Rate	: 1.5 mL/min	RSD of the peak area of 1 (%) (n=6)	: 0.45 (≤ 1.5)
Col. Temp.	: 45 °C	RSD of the peak area of 2 (%) (n=6)	: 0.49 (≤ 1.5)
Detection	: UV 254 nm		
Injection Vol.	: 10 μ L		
Sample	: Standard		