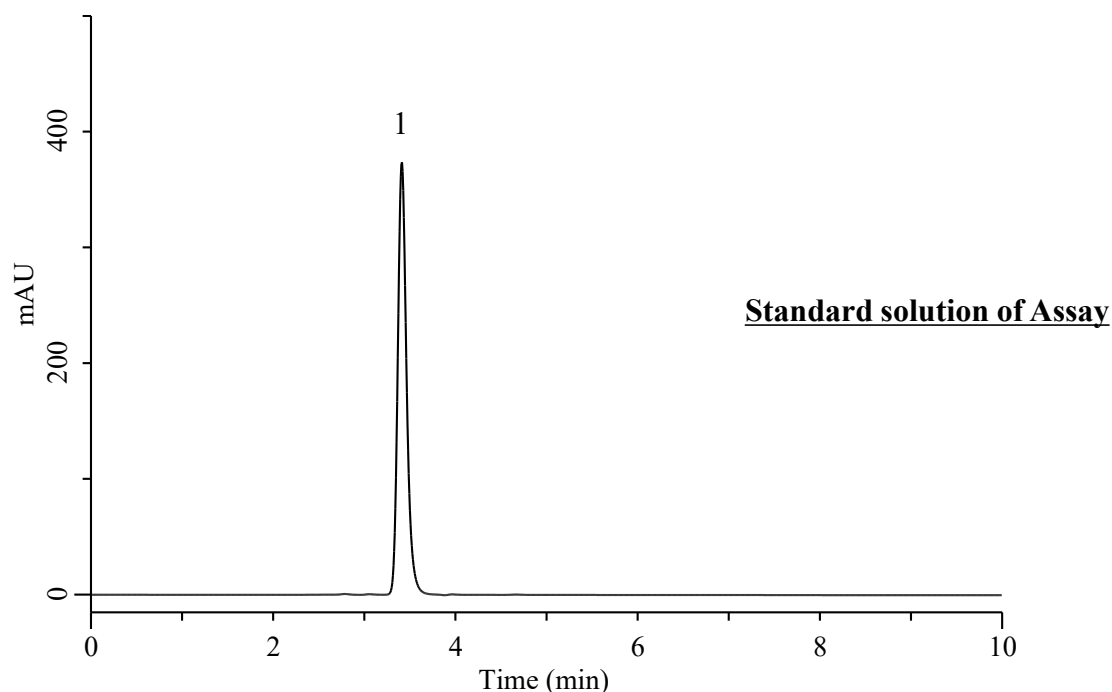


Analysis of Acyclovir

(Under the Condition of the draft for USP, Acyclovir Cream)



Conditions

System	: Primaide HPLC system (HITACHI)	Analyte:	
Column	: InertSustain Cyano** (GL Sciences Inc.) (5 μ m, 150 x 4.6 mm I.D.)	1. Acyclovir	0.05 mg/mL
Column Cat. No.	: 5020-89276		
Eluent	: A) CH ₃ CN B) Solution* A/B = 4/96, v/v	Tailing factor	: 1.20 (\leq 2.0)
Flow Rate	: 0.6 mL/min	RSD of the peak area (%) (n=6)	: 0.11 (\leq 2.0)
Col. Temp.	: 35 °C		
Detection	: UV 254 nm (1430 DAD)		
Injection Vol.	: 10 μ L		
Sample	: Standard		

* : Add 1.7 mL of phosphoric acid in 1000 mL of water and adjust with 1 M phosphoric acid to a pH of 1.8.

** : Applicable pH range is 2-7.5.

After use this condition, please wash and store the column for 100% organic solvent such as acetonitrile.