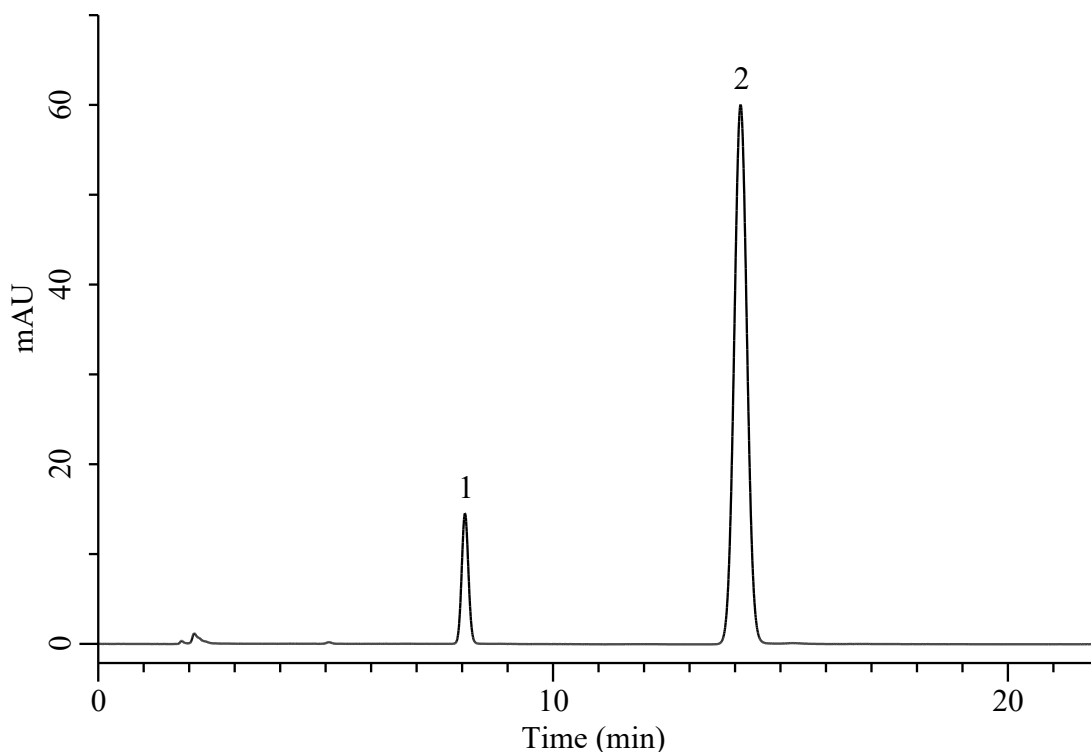


## Analysis of Ganciclovir

(Under the Condition of the USPNF 2024 Issue2, Ganciclovir for Injection)



### Conditions

<b>System</b>	: Chromaster PLUS HPLC system (HITACHI)	<b>Analyte :</b>	
<b>Column</b>	: Inertsil ODS-3 (GL Sciences Inc.) (5 $\mu$ m, 250 x 4.6 mm I.D.)	1. Hypoxanthine	0.015 mg/mL
<b>Column Cat. No.</b>	: 5020-01732	2. Ganciclovir	0.05 mg/mL
<b>Eluent</b>	: Solution*	Tailing factor (2)	: 1.03 ( $\leq$ 2.0)
<b>Flow Rate</b>	: 1.2 mL/min	RSD for the peak response ratio of 2 to 1 (%) (n=6)	: 0.11 ( $\leq$ 2.0)
<b>Col. Temp.</b>	: 40 °C		
<b>Detection</b>	: UV 254 nm		
<b>Injection Vol.</b>	: 10 $\mu$ L		
<b>Sample</b>	: Standard		

\*Dissolve 1.4 g of monobasic ammonium phosphate in 500 mL of water. Add 1.2 mL of 85% phosphoric acid and dilute with water to 1000 mL.