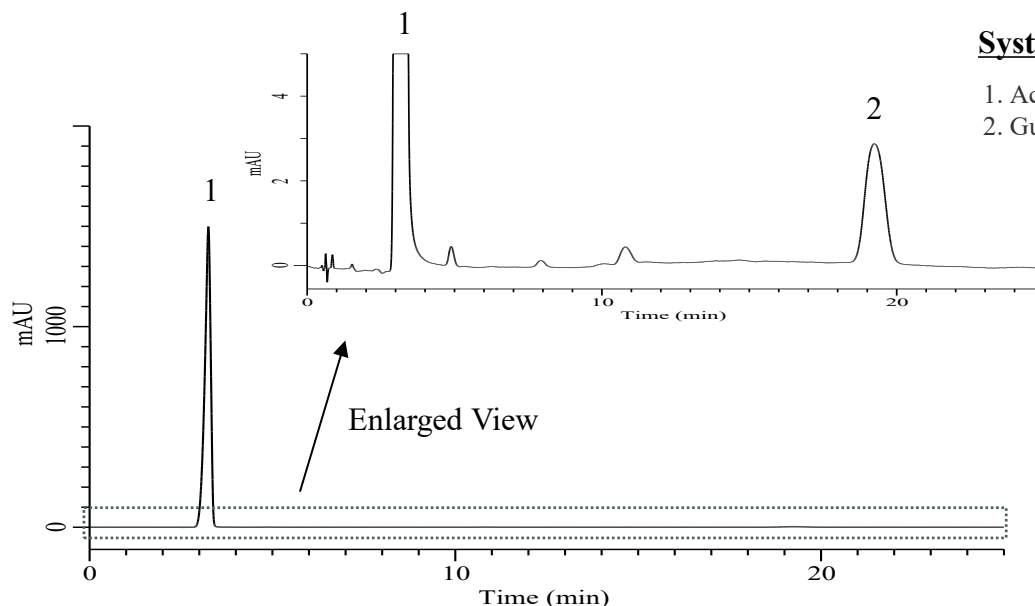


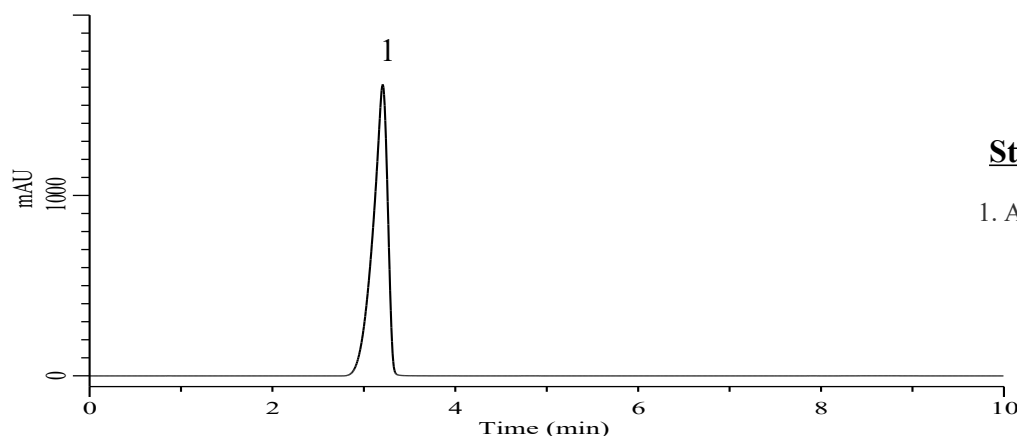
Analysis of Acyclovir

(Under the Condition of the Japanese Pharmacopoeia 18th, Acyclovir, ASSAY)



System performance

- | | |
|--------------|--------------|
| 1. Acyclovir | 1 mg /mL |
| 2. Guanine | 5 μ g/mL |



Standard solution

- | | |
|--------------|---------|
| 1. Acyclovir | 1 mg/mL |
|--------------|---------|

Conditions

System : Chromaster PLUS HPLC system (HITACHI)
Column : Inertsil WP300 C18 (GL Sciences Inc.)
 (HP 3 μ m, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-
Eluent : CH₃CN/Solution* = 40/1000 ,v/v
Flow Rate : 2.0 mL/min
Col. Temp. : 20 °C
Detection : UV 254 nm (5430 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

- | |
|--------------|
| 1. Acyclovir |
| 2. Guanine |

Resolution : 20.77 (≥ 17)

RSD of the peak area
 of 1 (%) (n=6) : 0.05 (≤ 1.0)

*: Dissolve 1.0 g of sodium 1-decanesulfonate and 6.0 g of sodium dihydrogen phosphate dihydrate in 1000 mL of water, and adjust the pH to 3.0 with phosphoric acid.