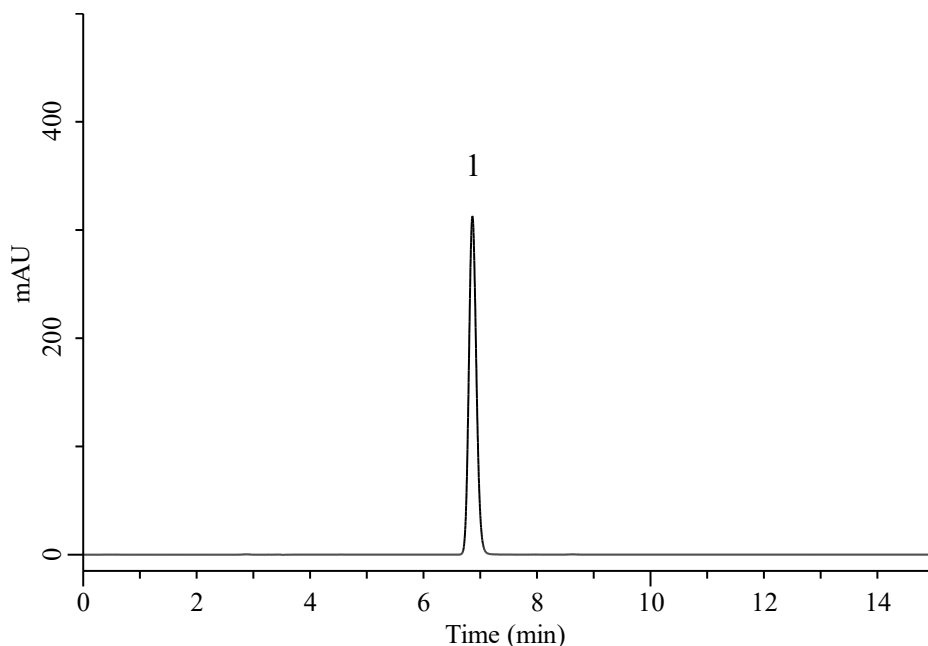


Analysis of Cidofovir

(Under the Condition of USP43-NF38, Cidofovir)



Conditions

Column : Inertsil Hybrid-C18(GL Sciences Inc.)
(5 μ m, 250 x 4.6 mm I.D.)

Column Cat. No. : 5020-76017

Eluent : Solution* /Buffer** = 22/78, v/v

Flow Rate : 1.0 mL/min

Col. Temp. : 30 $^{\circ}$ C

Detection : UV 274 nm

Injection Vol. : 20 μ L

Sample : Standard in H₂O

Analyte:

1. Cidofovir 0.1 mg/mL

Tailing factor : (0.8 $\leq$) 1.14 ($\leq$ 1.5)

RSD of the peak area%(n=6) : 0.14 ($\leq$ 0.73)

* : Acetonitrile and water (40:60)

** : Dissolve 1.2 g of dibasic ammonium phosphate and 2.0 g of tetrabutylammonium phosphate in 1 L of water.
Adjust with ammonium hydroxide to a pH of 9.2.