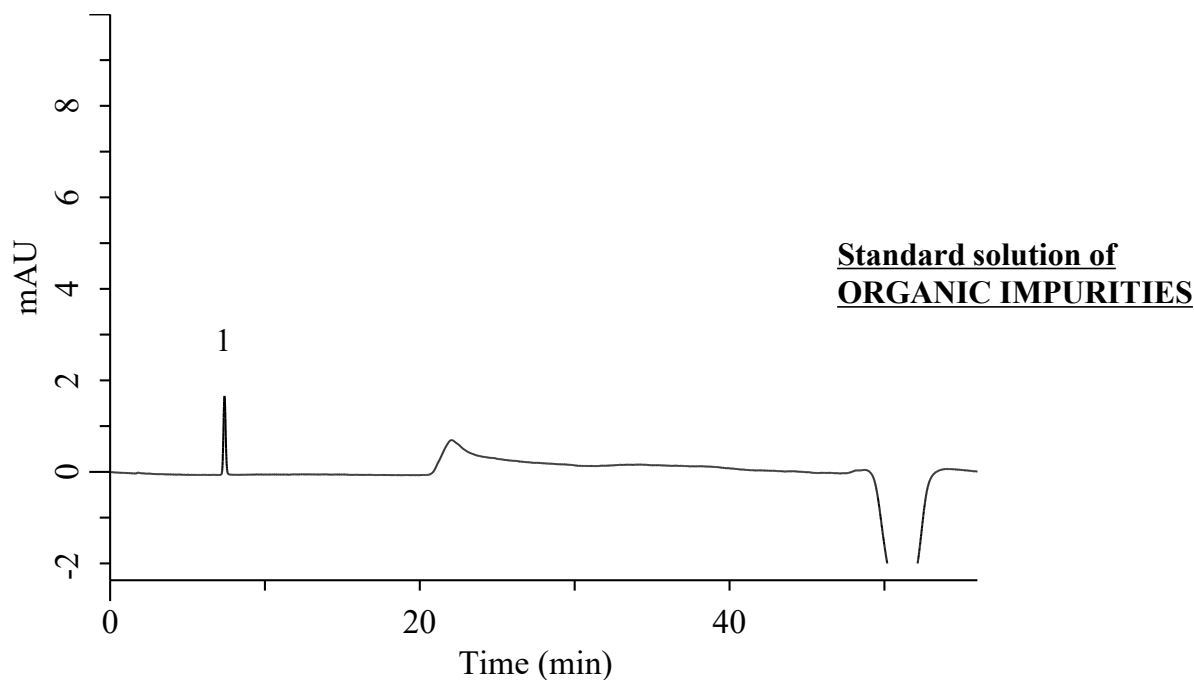


Analysis of Acyclovir

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



Conditions

System : Chromaster HPLC system (HITACHI)
Column : Inertsil ODS-3 (GL Sciences Inc.)
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-01732
Eluent : A) CH₃OH/H₂O = 95/5 ,v/v
 B) CH₃OH/Solution* = 8/125 ,v/v

Analyte:

1. Acyclovir 1 μ g/mL

RSD of the peak area (%) (n=6) : 0.42 (\leq 5.0)

Signal-to-noise ratio : 95.5 (\geq 10)

Time (min)	A (vol %)	B (vol %)
0	0	100
15	0	100
45	35	65
46	0	100
56	0	100

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm
Injection Vol. : 5 μ L
Sample : Standard

* : 10 mL of glacial acetic acid in 1000 mL of water