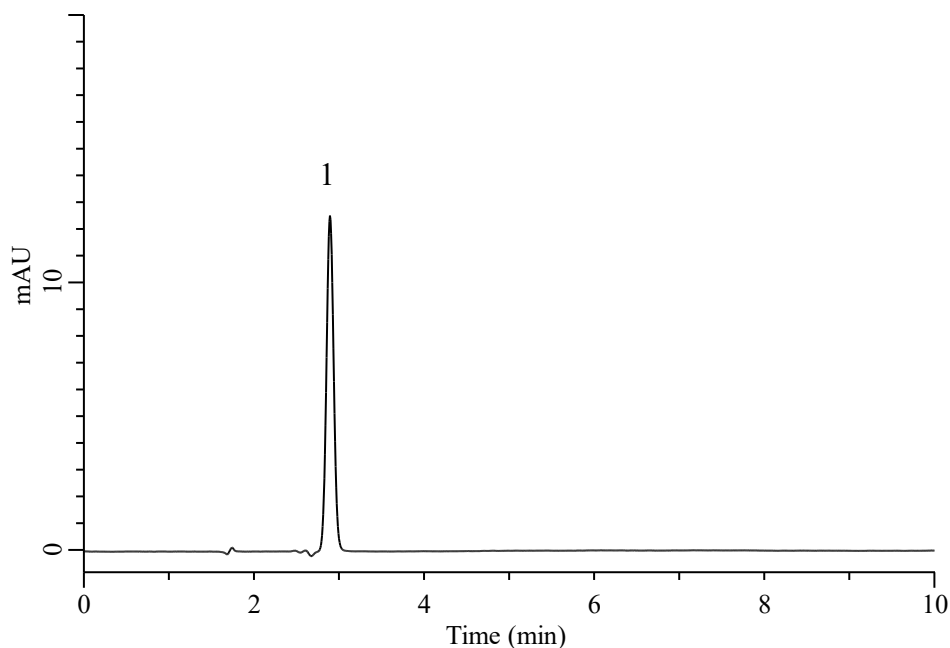


Analysis of Guanine

(Under the Condition of draft for USP, Acyclovir Capsules, LIMIT OF GUANINE)



Standard solution

Conditions

System : Primaide (HITACHI)
Column : Inertsil WP300 C18 (GL Sciences Inc.)
 (10 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-90662
Eluent : 20 mM CH₃COOH in H₂O
Flow Rate : 1.8 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm (1435 DAD)
Injection Vol. : 20 μ L
Sample : Standard in
 (0.1N sodium hydroxide/H₂O=1/9 *)

Analyte:

1. Guanine 2.0 μ g/mL

RSD of
 the peak area of 1 (%) (n=6) : 0.96 ($\leq$ 2.0)

* Dissolve in 0.1N sodium hydroxide, and dilute with water to volume.