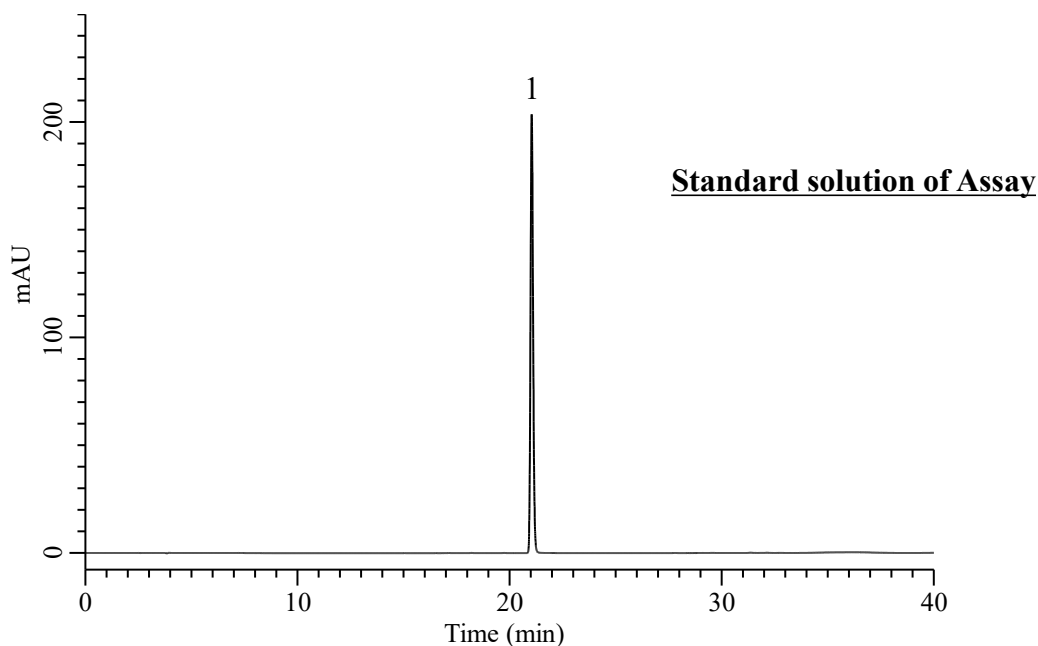


Analysis of Phenazopyridine hydrochloride

(Under the Condition of the USP43-NF38, Phenazopyridine Hydrochloride, Phenazopyridine Hydrochloride Tablets)



Conditions

System : Chromaster PLUS HPLC system (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) CH₃CN
 B) 20 mM ammonium acetate in H₂O

Analyte:

1. Phenazopyridine hydrochloride 0.03 mg/mL

Tailing factor : 1.16 (\leq 2.0)

RSD of the peak area (n=6) : 0.09 (\leq 0.73)

Time(min)	A(%)	B(%)
0	5	95
2	5	95
15	50	50
20	50	50
28	70	30
33	70	30
35	5	95
40	5	95

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm
Injection Vol. : 20 μ L
Sample : Standard