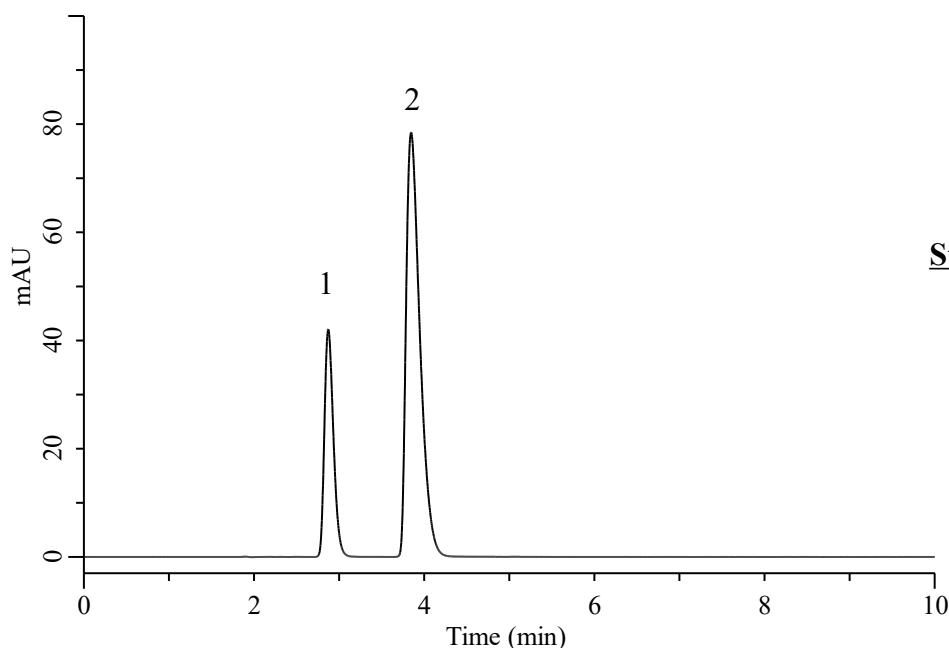


Analysis of Niacinamide and Pyridoxine hydrochloride

(Under the Condition of draft for USP, Water-Soluble Vitamins Chewable Gels, NIACINAMIDE AND PYRIDOXINE, Method 1)



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSustain AQ-C18 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : Solution*
Flow Rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 280 nm (Chromaster 5420 UV-VIS)
Injection Vol. : 5 μ L
Sample : Standard

Analyte:

1. Niacinamide 0.35 mg/mL
 2. Pyridoxine hydrochloride 0.1 mg/mL

RSD of

the peak area of 1 (%) (n=6) : 0.06 ($\leq$ 2.0)
 the peak area of 2 (%) (n=6) : 0.11 ($\leq$ 2.0)

*: A mixture of methanol, glacial acetic acid, and water (27:1:73) containing 140 mg of sodium 1-hexanesulfonate per 100 mL.