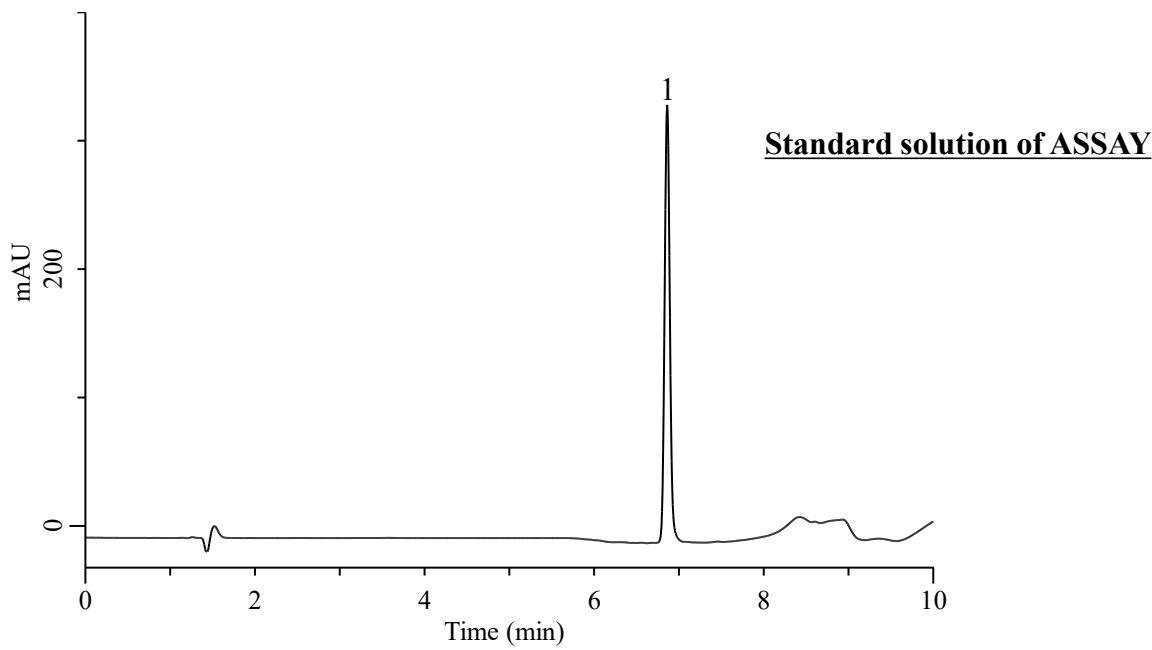


Analysis of Acetaminophen
(Under the Condition of the USPNP 2023 Issue 1, Acetaminophen, ASSAY)



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSustainSwift C8 (GL Sciences Inc.)
(3.5 μm, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-90768
Eluent : A) CH₃OH
B) Solution*

Analyte:
1. Acetaminophen 0.02 mg/mL

Tailing factor : 1.10 (≦ 2.0)
RSD of the peak area (n=6) : 0.32 (≦ 0.73)

Time(min)	A(%)	B(%)
0.0	1	99
3.0	1	99
7.0	81	19
7.1	1	99
10.0	1	99

Flow Rate : 1.0 mL/min
Col. Temp. : 35 °C
Detection : UV 230 nm
Injection Vol. : 25 μL
Sample : Standard

*: 1.7 g/L of monobasic potassium phosphate and 1.8 g/L sodium phosphate, dibasic, anhydrous.