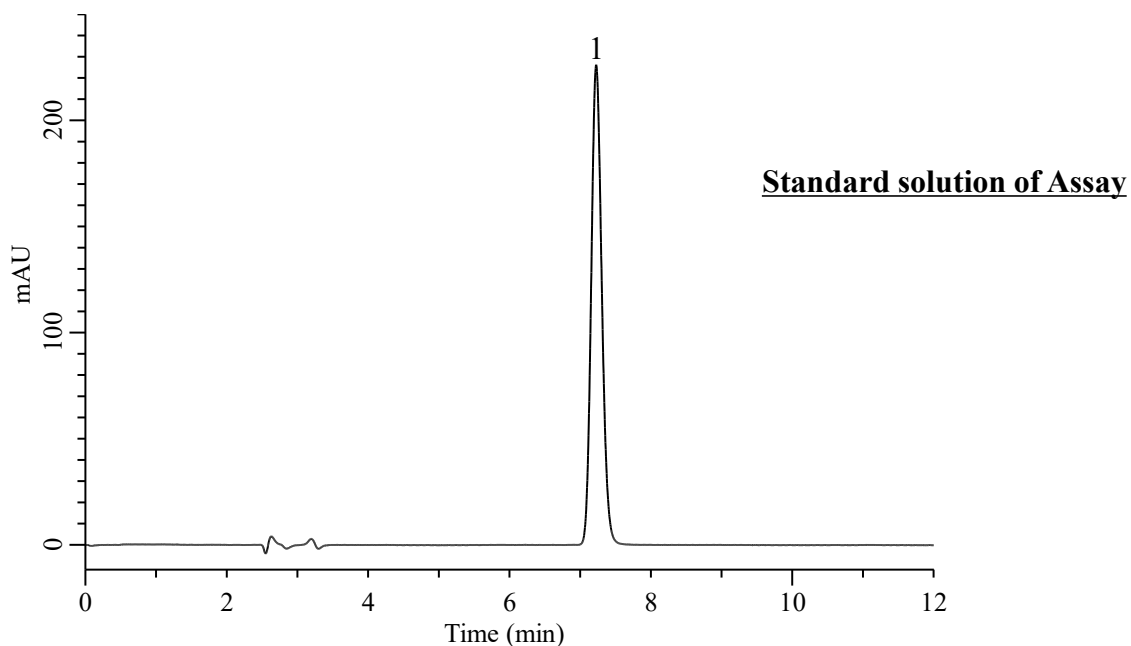


Analysis of Zonisamide

(Under the Condition of the USP43-NF38, Zonisamide Capsules, ASSAY)



Conditions

System	: Chromaster PLUS (HITACHI)
Column	: InertSustain C18(GL Sciences Inc.) (5 μm, 250 x 4.6 mm I.D.)
Column Cat. No.	: 5020-07346
Eluent	: A) CH ₃ CN B) CH ₃ OH C) 0.1% TFA in H ₂ O A/B/C = 20/16/64, v/v/v
Flow Rate	: 1.0 mL/min
Col. Temp.	: 30 °C
Detection	: UV 237 nm (Chromaster 5430 DAD)
Injection Vol.	: 10 μL
Sample	: Standard in Eluent

Analyte:

1. Zonisamide	0.1 mg/mL
Tailing factor	: 1.11 (≤ 2.0)
RSD of the peak area (%) (n=6)	: 0.20 (≤ 2.0)