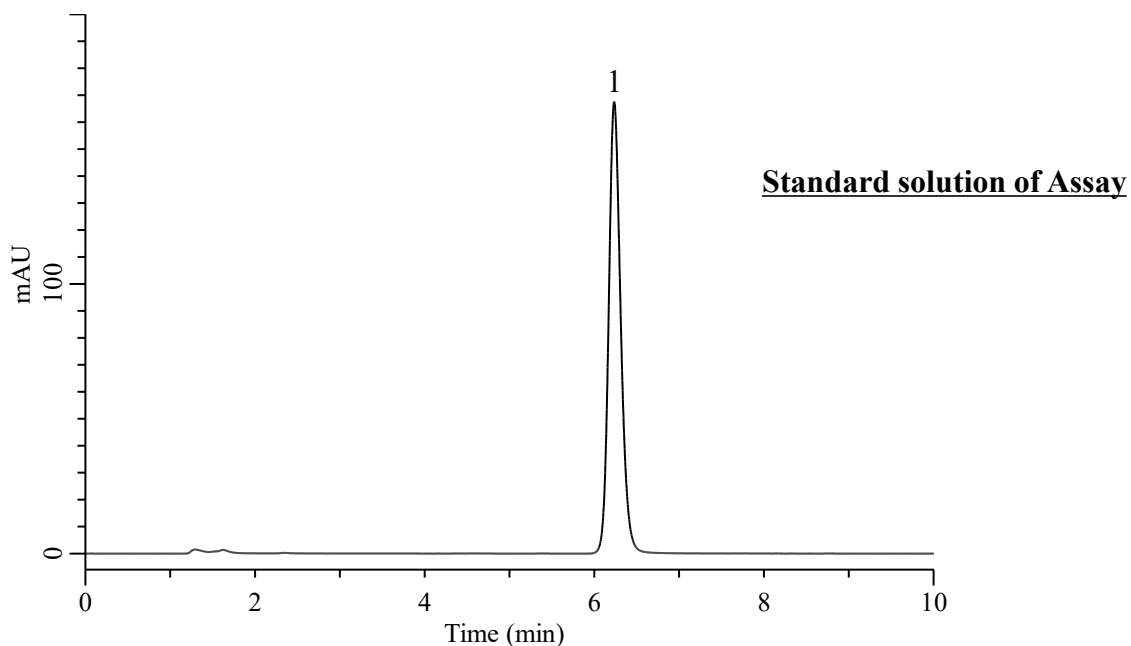


Analysis of Zonisamide

(Under the Condition of the USP41-NF36, Zonisamide Compounded Oral Suspension, ASSAY)



Conditions

System	: Chromaster PLUS (HITACHI)
Column	: InertSustain C18(GL Sciences Inc.) (3.5 μm, 150 x 4.6 mm I.D.)
Column Cat. No.	: 5020-89996
Eluent	: A) CH ₃ CN B) Solution* A/B = 25/75, v/v
Flow Rate	: 1.0 mL/min
Col. Temp.	: 32 °C
Detection	: UV 264 nm (Chromaster 5420 UV-VIS)
Injection Vol.	: 50 μL
Sample	: Standard in Eluent

Analyte:

1. Zonisamide	0.1 mg/mL
Tailing factor	: 1.17 (≤ 2.0)
RSD of the peak area (%) (n=6)	: 0.20 (≤ 2.0)

*:50 mM sodium phosphate adjusted with phosphoric acid to a pH of 2.8