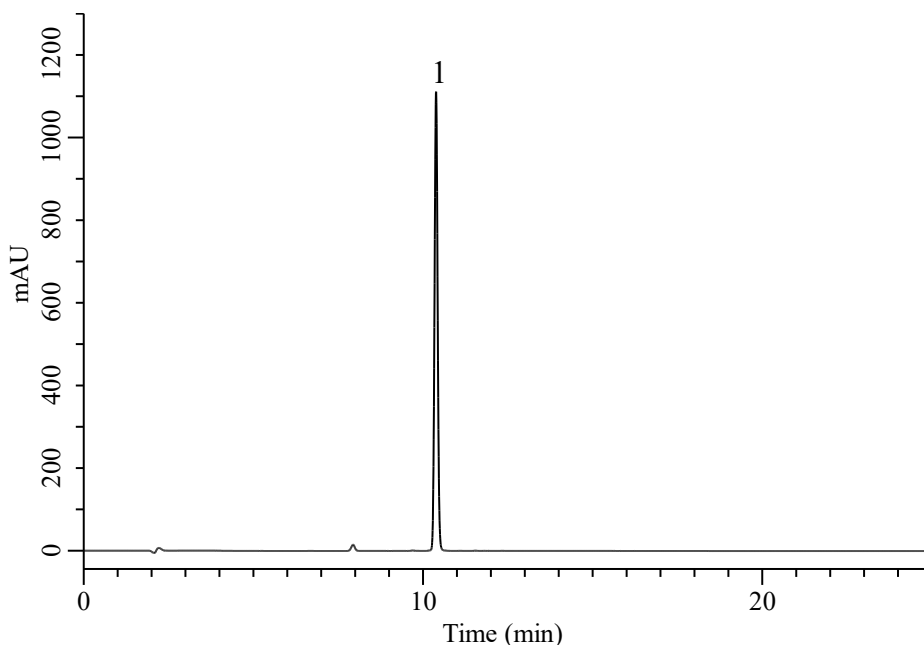


Analysis of 1-Fluoro-2,4-dinitrophenyl-5-L-alaninamide

(Under the Condition of the draft for the Japanese Pharmacopoeia 19th, Pregabalin,
1-Fluoro-2,4-dinitrophenyl-5-L-alaninamide, Assay)



Conditions

System : Primaide (HITACHI)
Column : InertSustain AQ-C18 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : A) CH₃CN
 B) H₂O

Time(min)	A(Vol %)	B(Vol %)
0	20	80
15	70	30
25	70	30

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 340 nm (1435 DAD)
Injection Vol. : 10 μ L
Sample : Standard in CH₃CN

Analyte:

1. 1-Fluoro-2,4-dinitrophenyl-5-L-alaninamide
 0.2 mg/mL

Number of theoretical plate of 1 : 60650 ($\geq$ 5000)
 Symmetry factor of 1 : 1.02 ($\leq$ 1.5)