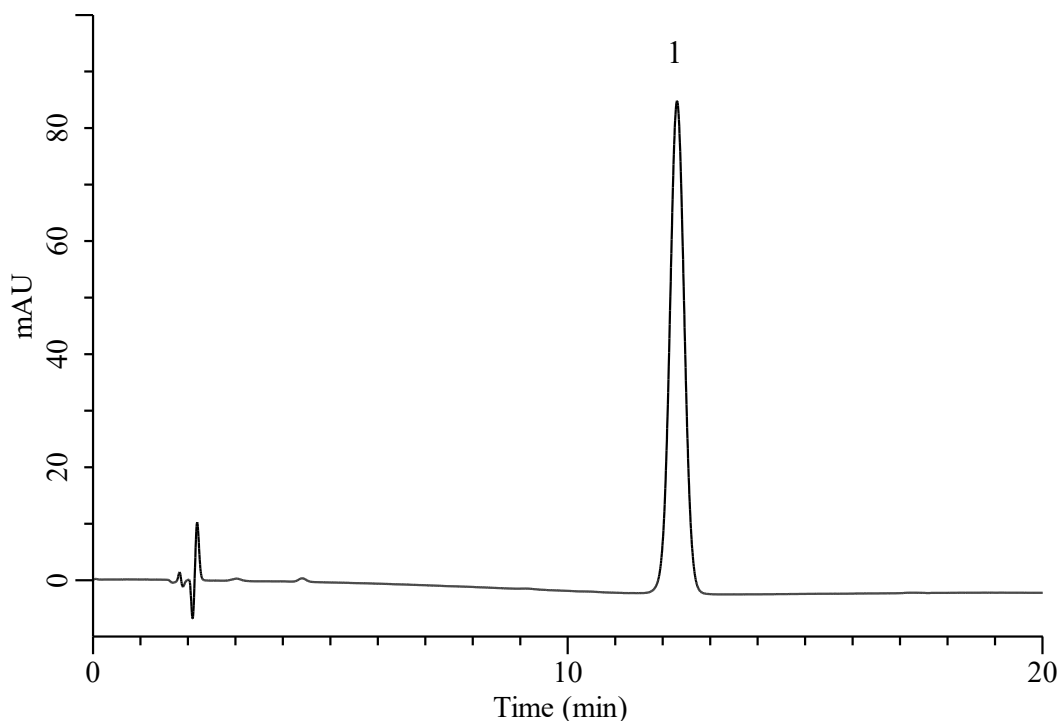


Analysis of Amygdalin

(Under the Condition of the Japanese Pharmacopoeia 19th, Apricot Kernel, ASSAY)



Conditions

System	: Chromaster PLUS (HITACHI)
Column	: InertSustain C18 (GL Sciences Inc.) (5 μm, 150 x 4.6 mm I.D.)
Column Cat. No.	: 5020-07345
Eluent	: CH ₃ OH/50 mM NaH ₂ PO ₄ in H ₂ O = 1/5, v/v
Flow Rate	: 0.8 mL/min
Col. Temp.	: 45 °C
Detection	: UV 210 nm (Chromaster 5430 DAD)
Injection Vol.	: 10 μL
Sample	: Standard

Analyte:

1. Amygdalin	0.2 mg/mL
Number of theoretical plate	: 7506 (≥ 5000)
Symmetry factor	: 1.02 (≤ 1.5)
RSD of the peak area (%) (n=6)	: 0.43 (≤ 1.5)