

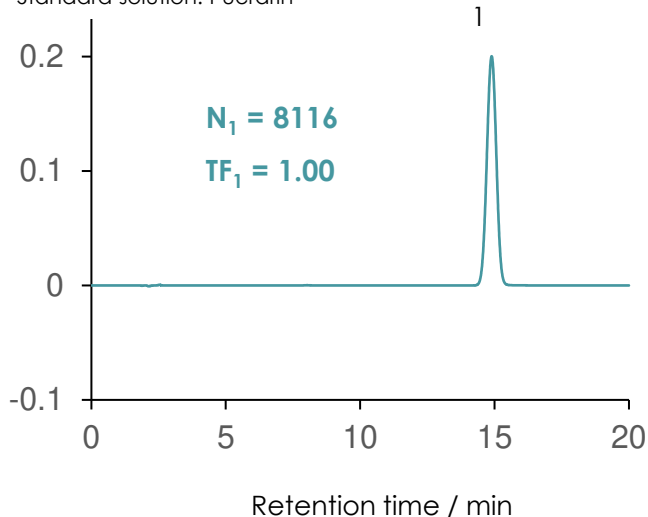
カッコン 生薬の分析 (1) - 葛根 -

SunBridge C18 5 μ m, 150 x 4.6 mm i.d.

Crude Drugs and Related Drugs (1) - Pueraria Root -

○標準溶液 : プエラリン 0.1 mg/mL (50% MeOH)

Standard solution: Puerarin



JP18: 第18改正日本薬局方 (Japanese Pharmacopoeia)

N: 理論段数, TF: テーリング係数, シンメトリー係数

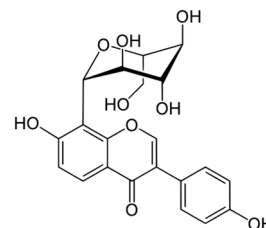
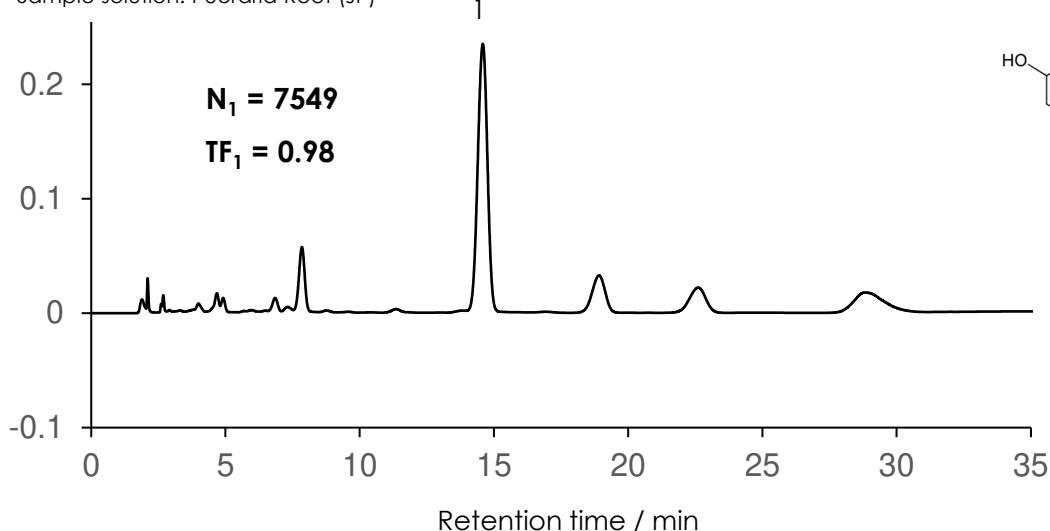
【JP18】システムの適合性基準
(system suitability criteria)

$N \geq 3000$, $TF \leq 2.0$

1. Puerarin

●試料溶液 : 日局カッコン 0.3 g/100 mL (50% MeOH)

Sample solution: Pueraria Root (JP)



Column: SunBridge C18 5 μ m, 150 x 4.6 mm

Mobile phase: 50 mM Sodium Dihydrogen Phosphate aq. / Acetonitrile = 9 / 1

Flow rate: 0.885 mL/min (RT of Puerarin: about 15 min)

Injection volume: 10 μ L, Temperature: 40 $^{\circ}$ C

Detection: UV@250 nm (PDA)

Instrument: Waters Acquity UPLC H-Class

Sample: 1 = Puerarin

提供: イスクラ産業株式会社