

生薬の分析 (8) – 厚朴 –

コウボク

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

Crude Drugs and Related Drugs (8) - Magnolia Bark -

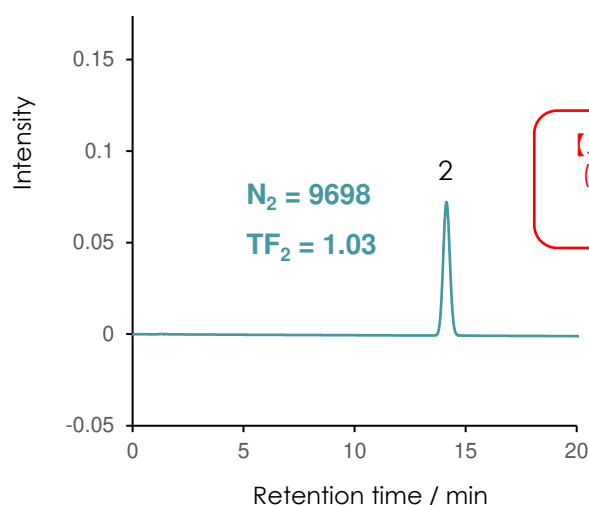
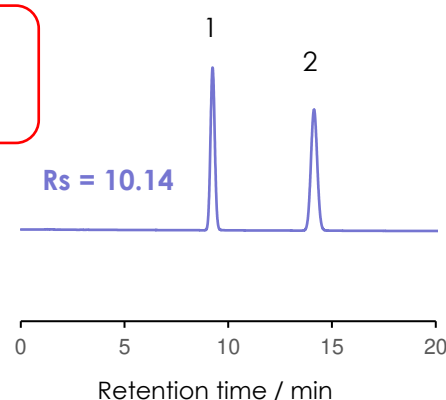
○標準溶液：マグノロール 0.1 mg/mL

Standard solution: Baicalin (in 70% MeOH)

N: 理論段数, TF: テーリング係数、シンメトリー係数
Rs: 分離度

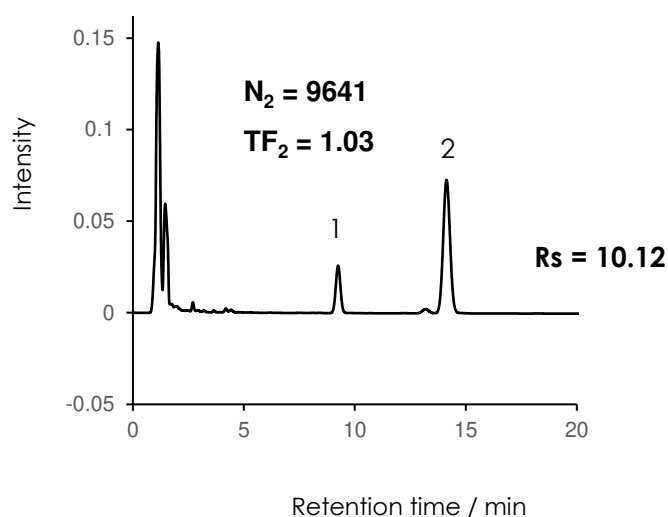
システムの性能

#1,2 各 0.10 mg/mL (in 70% MeOH)

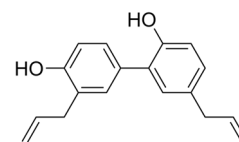
【JP18】システムの適合性基準
(system suitability criteria) $Rs \geq 5$ 

●試料溶液：日局コウボク 0.5 g/100 mL

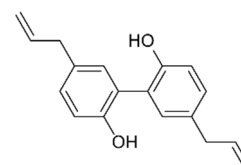
Sample solution: Magnolia Bark (JP) (in 70% MeOH)



1. Honokiol



2. Magnolol

Column: SunBridge C18 5 μ m, 150 x 4.6 mmMobile phase: Water / Acetonitrile / Acetic acid
= 50 / 50 / 1

Flow rate: 1.310 mL/min (マグノロールの保持時間: 約14分)

Injection volume: 10 μ L, Temperature: 20 $^{\circ}$ C

Detection: UV@289 nm (PDA)

Instrument: Waters Acquity UPLC H-Class

Sample: 1 = Honokiol, 2 = Magnolol

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

提供: イスクラ産業株式会社