

CoreFocus
Report
No.92i

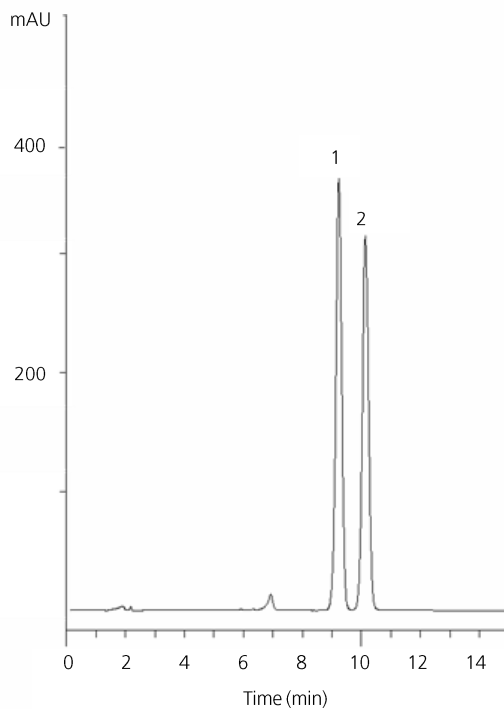
LC

UV

Shim-pack Series

Shim-pack™ GIST C18
Analysis of Phellodendron Bark in
Accordance with the Japanese
Pharmacopoeia

Keywords: Japanese Pharmacopoeia



1. Palmatine chloride
 2. Berberine hydrochloride
- (1 and 2 : 100 mg/L)

Resolution (1, 2) : 2.41 (≥ 1.5)

Column	: Shim-pack GIST C18 (150 mm x 4.6 mm I.D., 5 μ m), P/N : 227-30017-07
Mobile phase	: 3.4 g/L KH_2PO_4 + 1.7 g/L Sodium 1-Dodecylsulfate in $\text{CH}_3\text{CN} / \text{H}_2\text{O}$ (w/v) = 1 / 1
Flow rate	: 1.15 mL/min
Column temp.	: 40°C
Injection vol.	: 20 μ L
Detection	: UV 345 nm

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