

**CoreFocus**  
**Report**  
**No.454**

LC

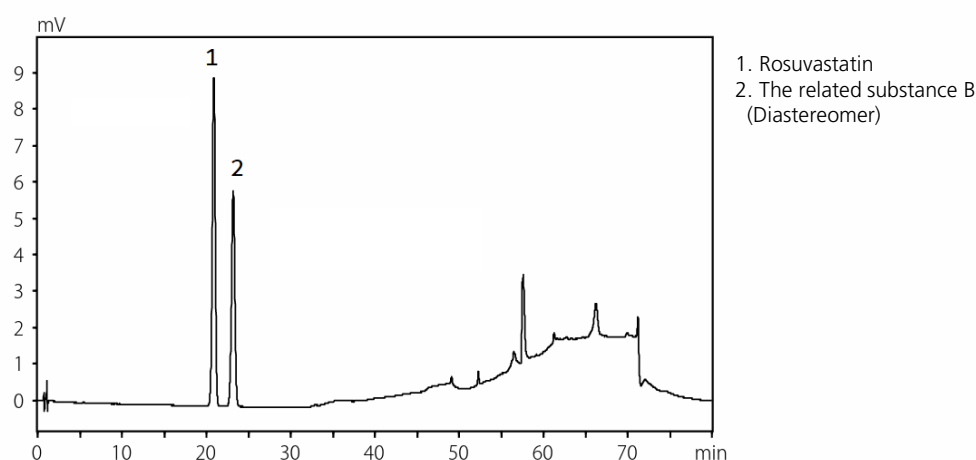
Reversed-phase

Shim-pack Series

**Shim-pack™ GIST-HP C18**

**Analysis of Rosuvastatin**

**Keywords: Japanese Pharmacopoeia, HMG-CoA reductase inhibitors, Statins**



System	: Nexera™ XR
Column	: Shim-pack GIST-HP C18 (150 mm L x 3.0 mm I.D., 3 μm), P/N : 227-30040-05
Mobile phase	: A) Water/acetonitrile/diluted trifluoroacetic acid (1 in 100) = 70:29:1 B) Water/acetonitrile/diluted trifluoroacetic acid (1 in 100) = 24:75:1
Time Program	: B conc. 0 % (0 min -30 min) → 40 % (30 - 50 min) → 100 % (50 - 60 min) → 100 % (60 - 70 min)
Flow rate	: 0.75 mL/min
Column temp.	: 40 °C
Injection vol.	: 10 μL
Detection	: UV at 242 nm (SPD-40V with a standard flow cell)
Vial	: LabTotal™ Vial for LC/LCMS, P/N : 227-34001-01

Source : Application News an\_01-00333 ([JP](#))

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