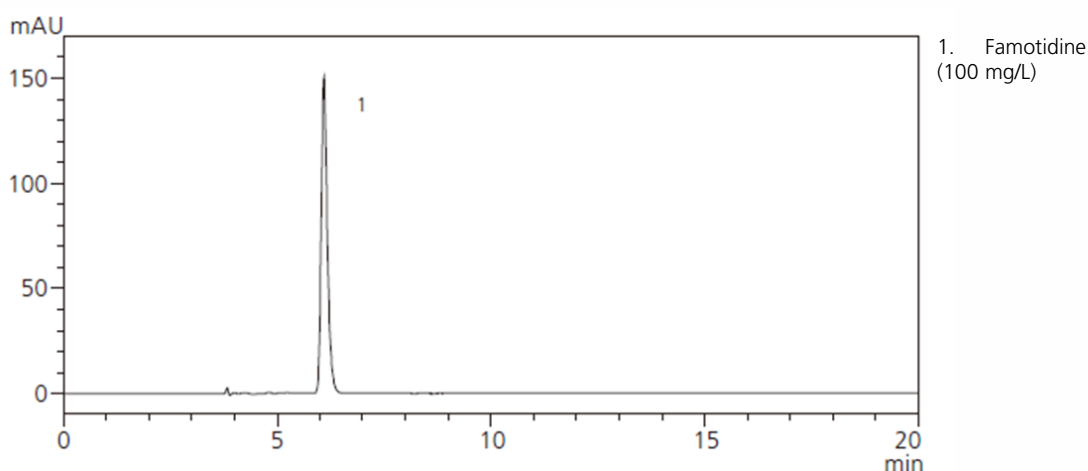


**CoreFocus**  
**Report**  
**No.182**

LC   Reversed-phase   Shim-pack Series

**Shim-pack™ VP-ODS**  
**Determination of Impurities in**  
**Pharmaceuticals**

**Keywords: histamine-2 blocker, JP**



Column	: Shim-pack™ VP-ODS (150 mm L. x 4.6 mm I.D., 5 μm), P/N : 228-34937-91
Mobile phase	: Dissolve 2 g of sodium 1-heptane sulfonate in 900 mL of water, adjust to pH 3.0 with acetic acid, and add water to make 1000 mL. To this solution add 240 mL of acetonitrile and 40 mL of methanol.
Flow rate	: 0.45 mL/min *Adjust the flow rate so that retention time of famotidine is about 6 minutes.
Column temp.	: 25 °C
Detection	: SPD-M20A at 254 nm
Injection vol.	: 5 μL

Source : Application News L461 ([JP, ENG](#))

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