

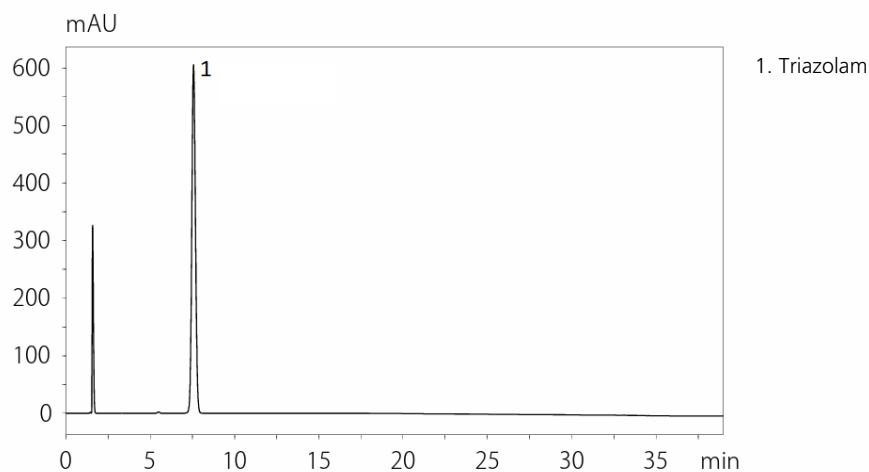
CoreFocus
Report
No.449

LC Reversed-phase Shim-pack™ Series

Shim-pack Scepter™ Phenyl-120

Analysis of Triazolam

Keywords: Japanese pharmacopeia, Benzodiazepine



System	: i-Series LC-2050C
Column	: Shim-pack Scepter Phenyl-120 (250 mm L x 4.6 mm I.D., 5 µm), P/N : 227-31071-06
Mobile phase	: A) Methanol/ammonium acetate buffer solution (pH 4.5)* = 14:11 B) Methanol/ammonium acetate buffer solution (pH 4.5) = 19:1
Time Program	: B Conc. 2% (0 – 14 min) → 99% (34 – 39 min) → 2% (39 – 42 min)
Flow rate	: 2.0 mL/min
Column temp.	: 40 °C
Injection vol.	: 12 µL
Detection	: UV at 254 nm
Vial	: SHIMADZU LabTotal™ Vial for LC 1.5 mL, Glass, P/N : 227-34001-01

* Dissolve 77 g ammonium acetate into 200 mL water and adjust it to pH 4.5 by adding acetic acid. Then add water to 1000 mL. Dilute this solution 10 times with water.

Source : Application News an_01-00342 ([JP](#))

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