

CoreFocus
Report
No.180

LC

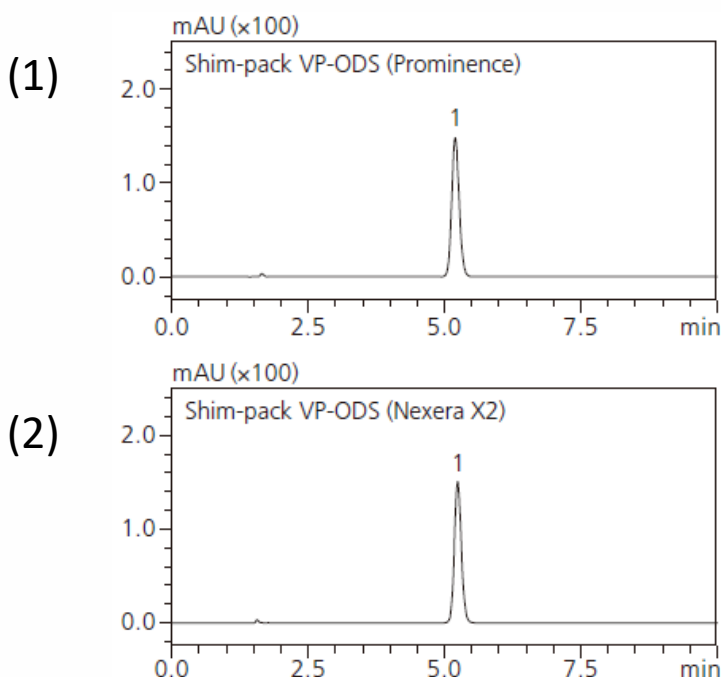
Reversed-phase

Shim-pack Series

Shim-pack™ VP-ODS

Analysis of a Timolol Maleate Ophthalmic Solution

Keywords: β -blocker, USP



1. Timolol (0.136 mg/mL)

System	: (1) Prominence™ (2) Nexera™ X2 (Loop injection with 20 μ L loop)
Column	: Shim-pack VP-ODS (150 mm L. $\times$ 4.6 mm I.D., 5.0 μ m), P/N : 228-34937-91
Mobile phase	: Sodium phosphate buffer (pH 2.8) / Methanol = 65/35 (v/v)
Column temp.	: 40 °C
Flow rate	: 1.2 mL/min
Injection vol.	: 10 μ L
Detection	: (1) SPD-20AV at 295 nm (2) SPD-M30A at 295 nm
Flow cell	: (1) Conventional cell (for SPD-20A(V)) (2) Standard cell (for SPD-M30A)

Source : Application News L464 ([JP](#), [ENG](#))

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