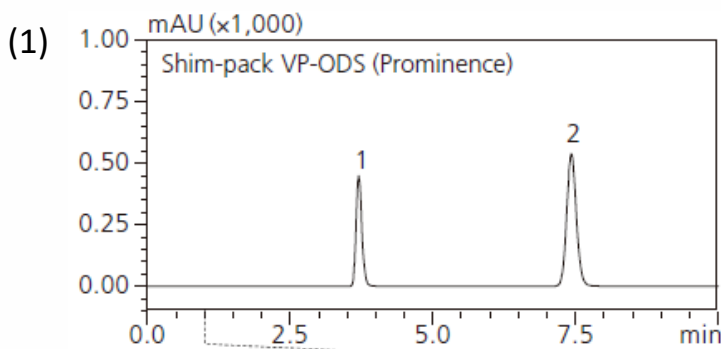


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No.179

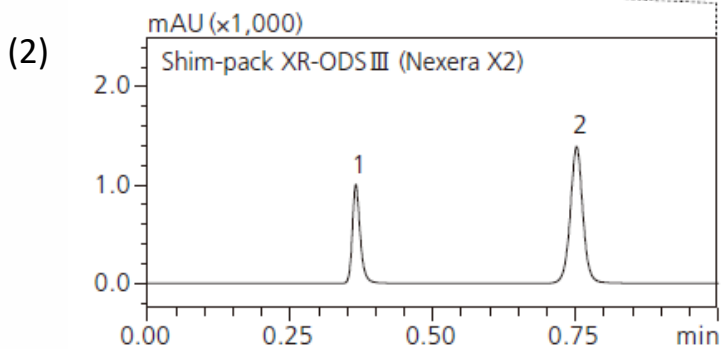
LC Reversed-phase Shim-pack Series

Shim-pack™ VP-ODS and Shim-pack XR-ODS III
Analysis of Sulfonamide Antibacterial Drug

Keywords: sulphanilamide, antiinfective agents



1. Sulfanilamide (0.05 mg/mL)
2. Sulfacetamide (0.2 mg/mL)



System	: (1) Prominence™ (2) Nexera™ X2 (Loop injection with 20 µL loop)
Column	: (1) Shim-pack VP-ODS (150 mm L. x 4.6 mm I.D., 5.0 µm), P/N : 228-34937-91 (2) Shim-pack XR-ODS III (50 mm L. x 2.0 mm I.D., 1.6 µm), P/N : 228-59922-91
Mobile phase	: Methanol / water / acetic acid = 10/89/1 (v/v/v)
Column temp.	: Ambient
Flow rate	: (1) 0.8 mL/min (2) 0.47 mL/min
Injection vol.	: (1) 10 µL (2) 2 µL
Detection	: (1) SPD-20AV at 254 nm (2) SPD-M30A at 254 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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