

CoreFocus
Report
No.189

LC

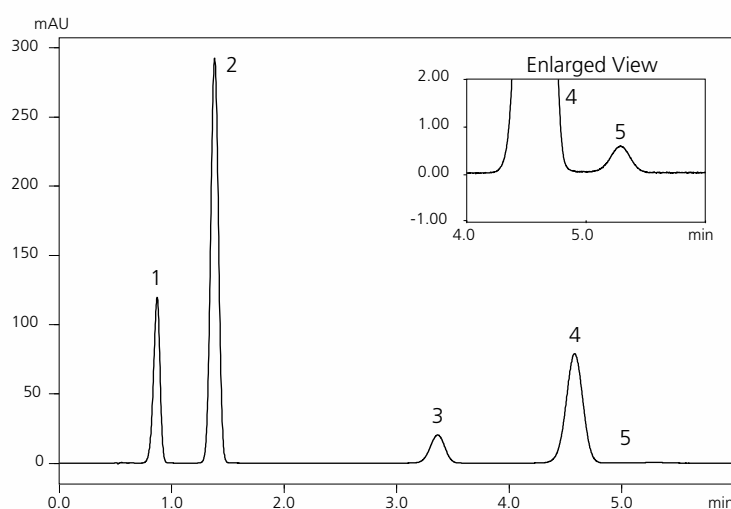
Reversed-phase

Shim-pack™ Series

Shim-pack Scepter™ C18-120

Analysis of Acetaminophen within USP method

Keywords: dissolution, antipyretic, cold medicine



1. Acetaminophen
2. Caffeine
3. Acetylsalicylic acid
4. Benzoic acid
5. Salicylic acid (100 mg/L each)

System	: Nexera™ FV
Column	: Shim-pack Scepter C18-120 (100 mm x 4.6 mm I.D., 5 µm), P/N : 227-31020-04
Mobile phase	: Methanol / Glacial acetic acid / Water = 28 : 3 : 69
Flow rate	: 2 mL/min
Column temp.	: 45°C
Injection vol.	: 10 µL
Vial	: Shimadzu Vial, LC, 1.1 mL, glass, P/N : 228-21283-91 Shimadzu Vial, LC, P/N : 228-31600-91
Detection	: UV 275 nm

Source : Application News 01-00030 ([JP](#))

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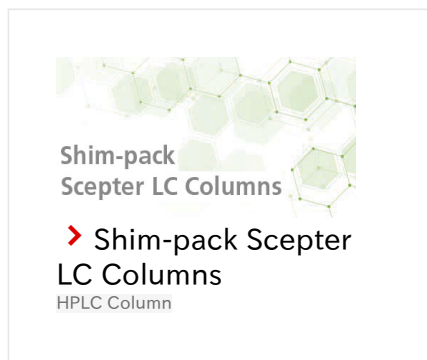
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