

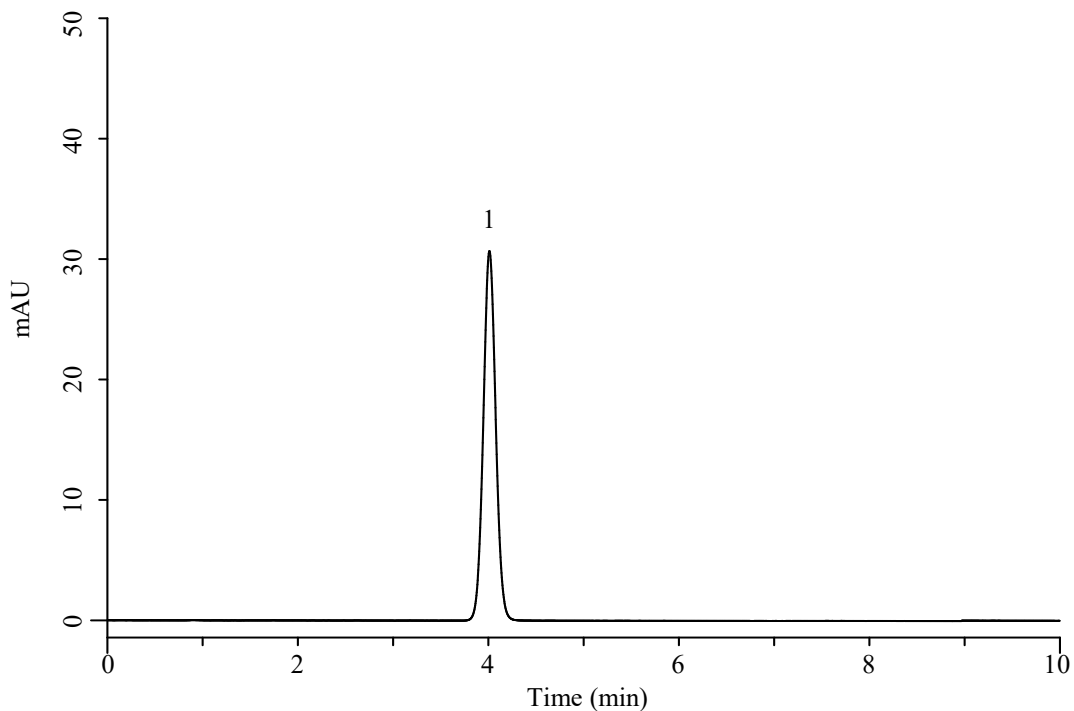
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Inertsil Applications

Analysis of Acetaminophen

(Under the Condition of USP41-NF36, Acetaminophen Capsules)

Data No. LB739-1087



Conditions

System	: Chromaster HPLC system (HITACHI)	Analyte:	1. Acetaminophen 0.01 mg/mL
Column	: Inertsil ODS-3 (GL Sciences Inc.) (10 μ m, 300 x 3.9 mm I.D.)	Theoretical plates	: 4,436 ($\geq 1,000$)
Column Cat. No.	: 5020-87016	Tailing factor	: 1.0 (≤ 2)
Eluent	: A) CH ₃ OH B) H ₂ O A/B = 25/75, v/v	RSD of the peak area (%) (n=6)	: 0.06 (≤ 2.0)
Flow Rate	: 1.5 mL/min		
Col. Temp.	: 40 °C		
Detection	: UV 243 nm		
Injection Vol.	: 10 μ L		
Sample	: Standard		