

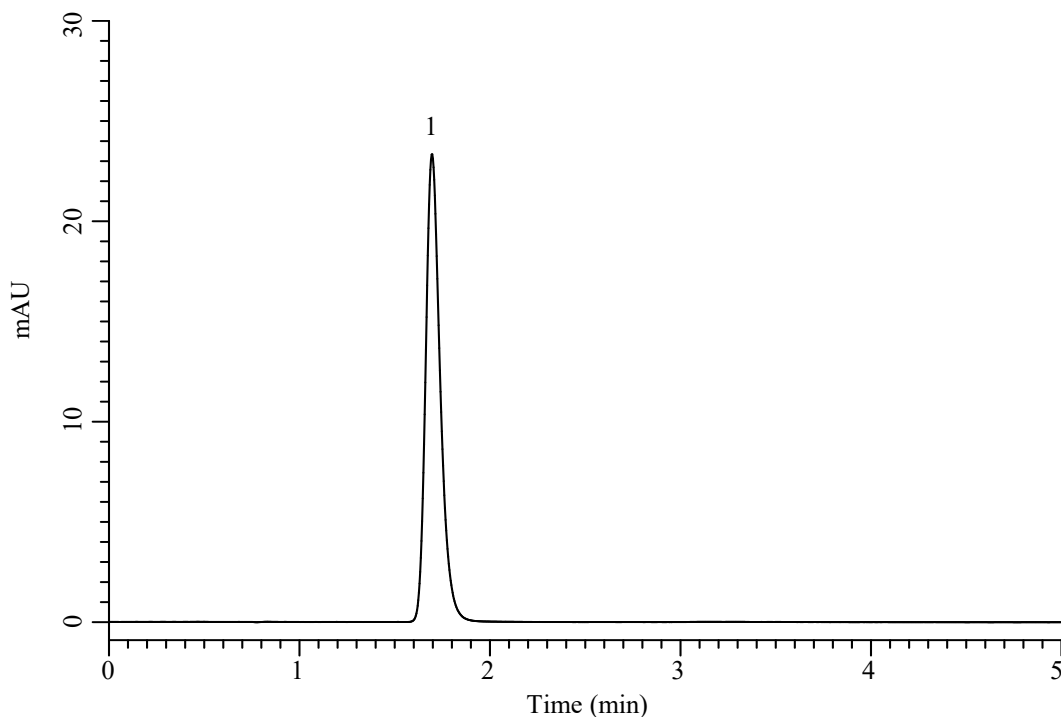
# InertSearch for LC

Inertsil Applications

## Analysis of Acetaminophen

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

Data No. LB740-1087



### Conditions

<b>System</b>	: Chromaster HPLC system (HITACHI)	<b>Analyte:</b>	1. Acetaminophen 0.01 mg/mL
<b>Column</b>	: Inertsil ODS-3 (GL Sciences Inc.) (5 $\mu$ m, 150 x 3.0 mm I.D.)	Theoretical plates	: 2,498 ( $\geq$ 1,000)
<b>Column Cat. No.</b>	: 5020-01751	Tailing factor	: 1.3 ( $\leq$ 2)
<b>Eluent</b>	: A) CH <sub>3</sub> OH B) H <sub>2</sub> O A/B = 25/75, v/v	RSD of the peak area (n=6)	: 0.05 ( $\leq$ 2.0)
<b>Flow Rate</b>	: 1.0 mL/min		
<b>Col. Temp.</b>	: 40 °C		
<b>Detection</b>	: UV 243 nm		
<b>Injection Vol.</b>	: 3 $\mu$ L		
<b>Sample</b>	: Standard		