

## Paracetamol Related substance by HPLC on Kinetex 2.6µm C18 100 x 4.6mm ID

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Isocratic

**Eluent A:** 100 mM Na<sub>2</sub>HPO<sub>4</sub>

**Eluent B:** 50 mM NaH<sub>2</sub>PO<sub>4</sub>

**Eluent C:** 4 g/L tetrabutylammonium hydroxide in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	37.5	37.5	25

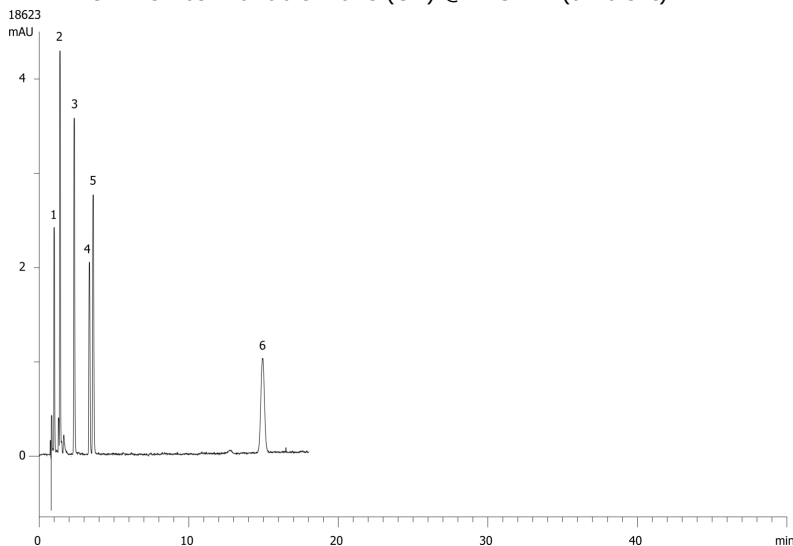
**Flow Rate:** 1.2 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 245 nm (ambient)



Products used in this application:



### ANALYTES:

- 1** Impurity K  
Retention Time: 0.97 min
- 2** Paracetamol  
Retention Time: 1.36 min
- 3** Impurity A  
Retention Time: 2.32 min
- 4** Impurity I  
Retention Time: 3.33 min
- 5** Impurity F  
Retention Time: 3.58 min
- 6** Impurity J  
Retention Time: 14.9 min

