

HPLC Application

ID No.: 19014

Metoprolol Tartrate Related Substance HPLC Analysis (HP-EUR) on Kinetex 2.6u C18 150x4.6 mm

Column: Kinetex[®] 2.6 μm C18 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4462-E0
Elution Type: Isocratic
Eluent A: 3.9 g NH₄OAc in 810 mL H₂O/2 mL TEA/10 mL glacial HOAc/3 mL H₃PO₄/146 mL ACN
Gradient

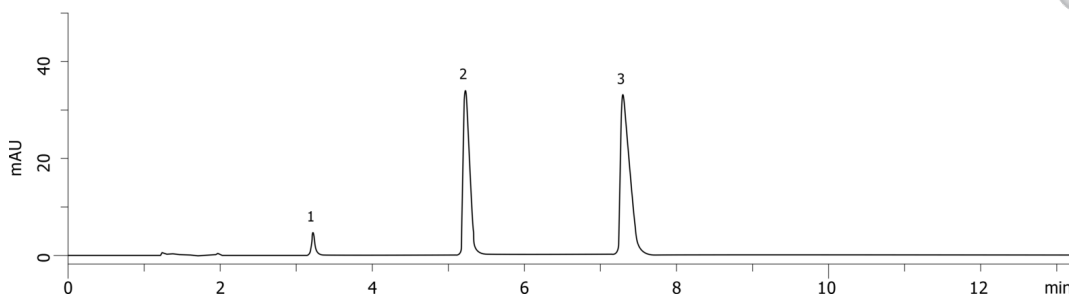
Step No.	Time (min)	Pct A
1	0	100

Flow Rate: 1 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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Products used in this application:



ANALYTES:

- 1** Metoprolol impurity G
Retention Time: 3.199 min
- 2** Metoprolol impurity A
Retention Time: 5.204 min
- 3** Metoprolol tartrate CRS
Retention Time: 7.279 min

