

HPLC Application

ID No.: 19699

Methadone on Lux Cellulose-2 Normal Phase

Column: Lux® 5 µm Cellulose-2, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4457-E0

Elution Type: Isocratic

Eluent A: Hexane + 0.1% DEA

Eluent B: Isopropanol + 0.1% DEA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2

Flow Rate: 1.5 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 254 nm (ambient)

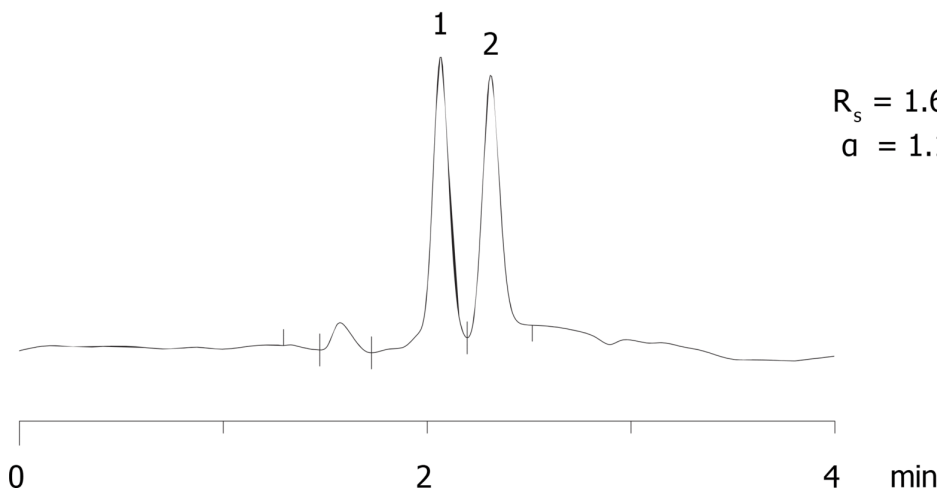
Analyst Note: Resolution = 1.62

Selectivity = 1.12

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Products used in this application:



$$R_s = 1.62$$

$$\alpha = 1.12$$

ANALYTES:

- 1 Methadone
Retention Time: 2.1 min
- 2 Methadone
Retention Time: 2.3 min