

# HPLC Application

ID No.: 19699

## Methadone on Lux Cellulose-2 Normal Phase

**Column:** Lux<sup>®</sup> 5  $\mu$ m 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)

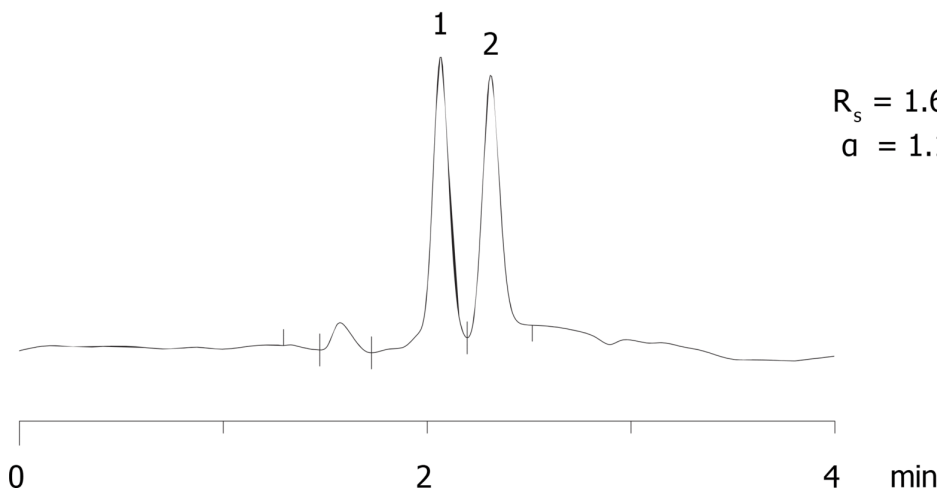
**Analyst Note:** Resolution = 1.62

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