

HPLC Application

ID No.: 23337

Ketoprofen on Lux 5µm Amylose-1 by SFC

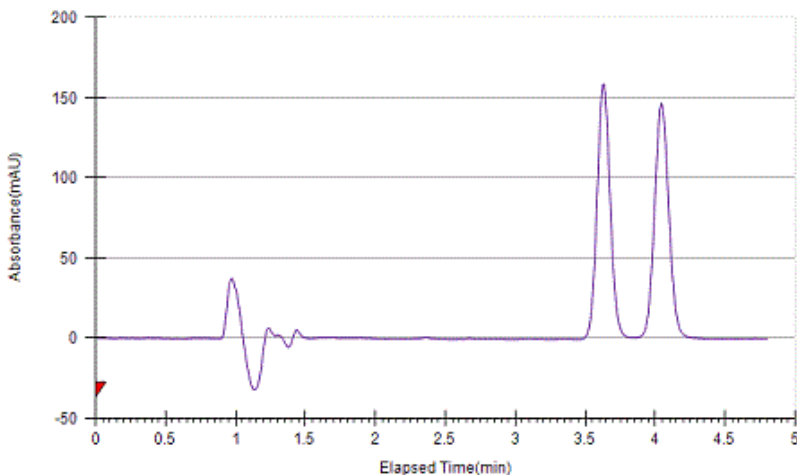
Column: Lux® 5 µm Amylose-1, LC Column 250 x 4.6 mm, Ea
Dimensions: 250 x 4.6 mm ID
Order No: 00G-4732-E0
Elution Type: Isocratic
Eluent A: CO₂/(Isopropanol + 0.1% IPA +0.1%TFA) 80:20 (v/v)
Gradient

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

Profile:
Flow Rate: 3 mL/min
Col. Temp.: 30 °C
Detection: UV-Vis Abs.-Diode Array (PDA) @ 220 nm (30 °C)
Analyst Note: Courtesy of Tanika Van Mulders, Debby Mangelings and Yvan Vander Heyden, Department of Analytical Chemistry and Pharmaceutical Technology, Vrije Universiteit Brussel, Brussels, Belgium.
Results of this analysis yielded: Alpha >1.1 and Resolution >2



Products used in this application:



ANALYTES:

- 1 Ketoprofen
- 2 Ketoprofen