

Thiamine Extraction Guar Gum Extraction Chromatography on Luna Omega 3u Polar C18

Column: Luna® Omega 3 µm Polar C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4760-E0

Elution Type: Gradient

Eluent A: 20 mM Sodium Phosphate (pH 3.5 with H₃PO₄)

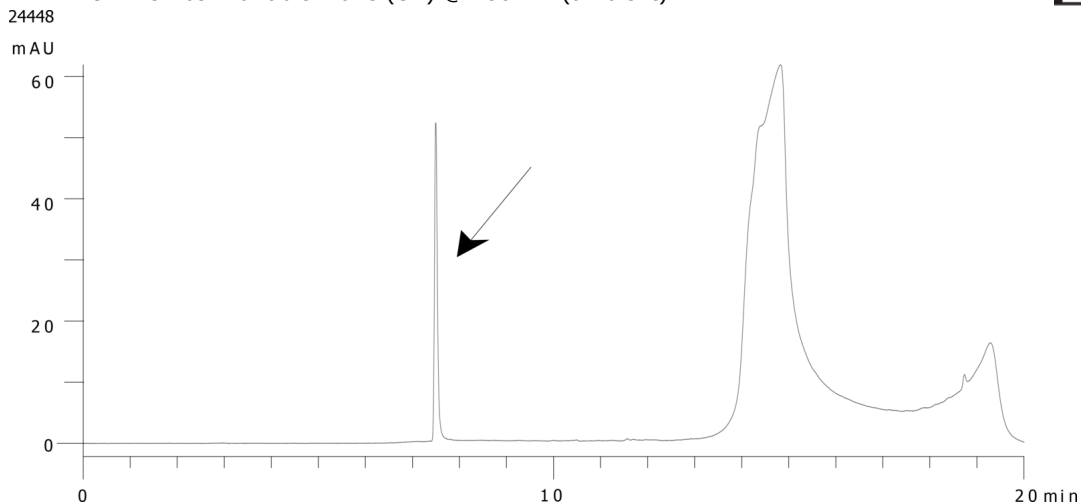
Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	15	40	60

Flow Rate: 0.5 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)



Products used in this application:



ANALYTES:

1 Thiamine

