

OPA Derivatization of Histidine and Histamine using Kinetex 2.6u C18

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea
Dimensions: 100 x 4.6 mm ID
Order No: 00D-4462-E0
Elution Type: Gradient
Eluent A: 20mM Sodium Acetate pH 7.2 w/0.03% Sodium Azide (pre-filtered 0.2µm)
Eluent B: 50:50 Acetonitrile/Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	20	20	80
	3	20.5	97	3
	4	23	97	3

Flow Rate: 1.2 mL/min

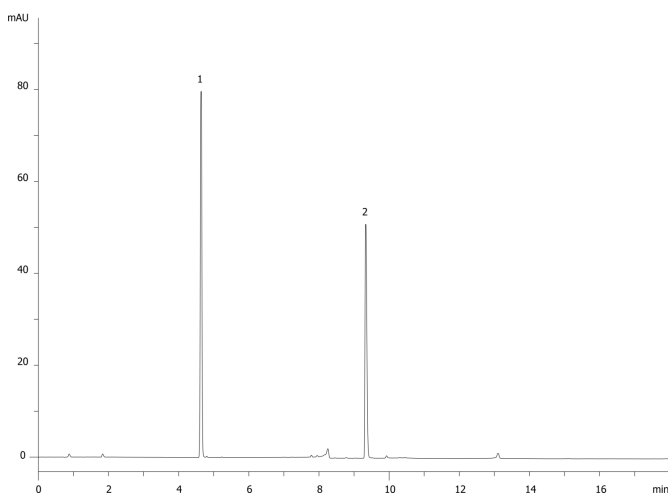
Col. Temp.: 30 °C

Detection: Circular Dichroism @ 0.0000000000 (ambient)

20872



Products used in this application:



ANALYTES:

1 Histidine

Retention Time: 4.64 min

2 Histamine

Retention Time: 9.334 min

