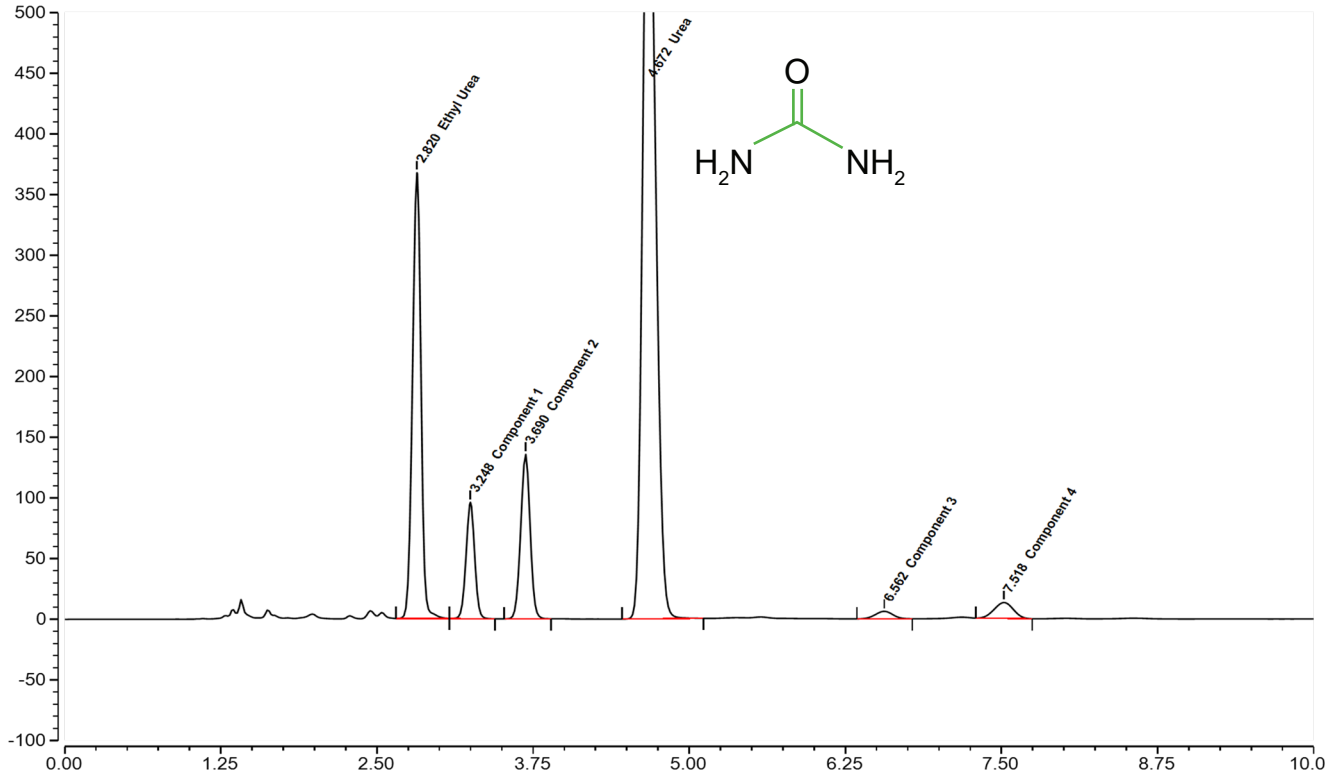




Urea

Endurus[®] HILIC AG 5 μ m 150X4.6



Test Condition (As Inhouse)

Column:

Endurus[®] HILIC AG 150x4.6 mm, 5 μ m

Injection: 10 μ L

Detection: UV 204 nm

Flow Rate: 1.0 mL/min

Mobile Phase: Buffer: Acetonitrile (15:85)

Mobile Phase B: Buffer: Acetonitrile: Methanol
(500:350:150)

Buffer: 1 ml orthophosphoric acid in 1000 ml Water

Diluent: Mobile Phase

Gradient: See table

Temperature: 30 $^{\circ}$ C

Autosampler temperature: 5 $^{\circ}$ C

Sample preparation:

Dissolve 20 mg of urea and 0.5 mg in 1 ml in diluent.

Chromatographic data

Compound	Ret. Time (min)	Resolution	Tailing Factor	RRT
Ethyl Urea	2.82	n.a.	0.97	0.6
Component 1	3.248	3.44	1	0.7
Component 2	3.69	3.33	0.99	0.79
Urea	4.672	5.99	1.2	1
Component 3	6.562	8.49	0.99	1.4
Component 4	7.518	3.53	1	1.61

To place an order, call +91-90811 21100, or contact your local Force Scientific distributor:

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