

## Cyanuric acid and Melamine on Kinetex HILIC 2.6µm 50x2.1mm by LCMS

**Column:** Kinetex® 2.6 µm HILIC 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4461-AN

**Elution Type:** Gradient

**Eluent A:** 50/40/10 ACN/H<sub>2</sub>O/100mM ammonium acetate pH5.8

**Eluent B:** 90/10 ACN/100mM ammonium acetate pH5.8

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	0	100
	<b>2</b>	0.8	0	100
	<b>3</b>	0.81	100	0
	<b>4</b>	1.1	100	0
	<b>5</b>	1.11	0	100
	<b>6</b>	3.8	0	100

**Flow Rate:** 700 µL/min

**Col. Temp.:** 25 °C

**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Analyst Note:** ESI Conditions

Melamine Positive mode

NEB: 4.00  
CUR: 7.00  
CAD: 12.00  
IS: 5000.00  
TEM: 450.00  
DP: 16.00  
FP: 100.00  
EP: 10.00  
CE: 25.00  
CXP: 12.00

Cyanuric acid negative mode

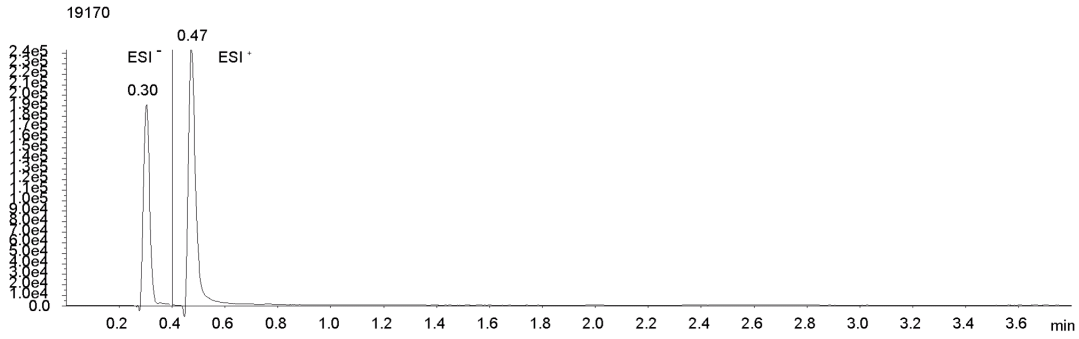
NEB: 8.00  
CUR: 12.00  
CAD: 12.00  
IS: -4500.00  
TEM: 450.00  
DP: -26.00  
FP: -130.00  
EP: -10.00  
CE: -28.00  
CXP: -5.00



Products used in this application:



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### ANALYTES:

- 1 Cyanuric acid (MRM: 128.0>42.0)  
Retention Time: 0.3 min
- 2 Cyanuric acid (internal standard) MRM 131.0>43.0  
Retention Time: 0.3 min
- 3 Melamine (MRM: 127.0>85.0)  
Retention Time: 0.47 min
- 4 Melamine (internal standard) MRM 133.2>89.1  
Retention Time: 0.47 min

