

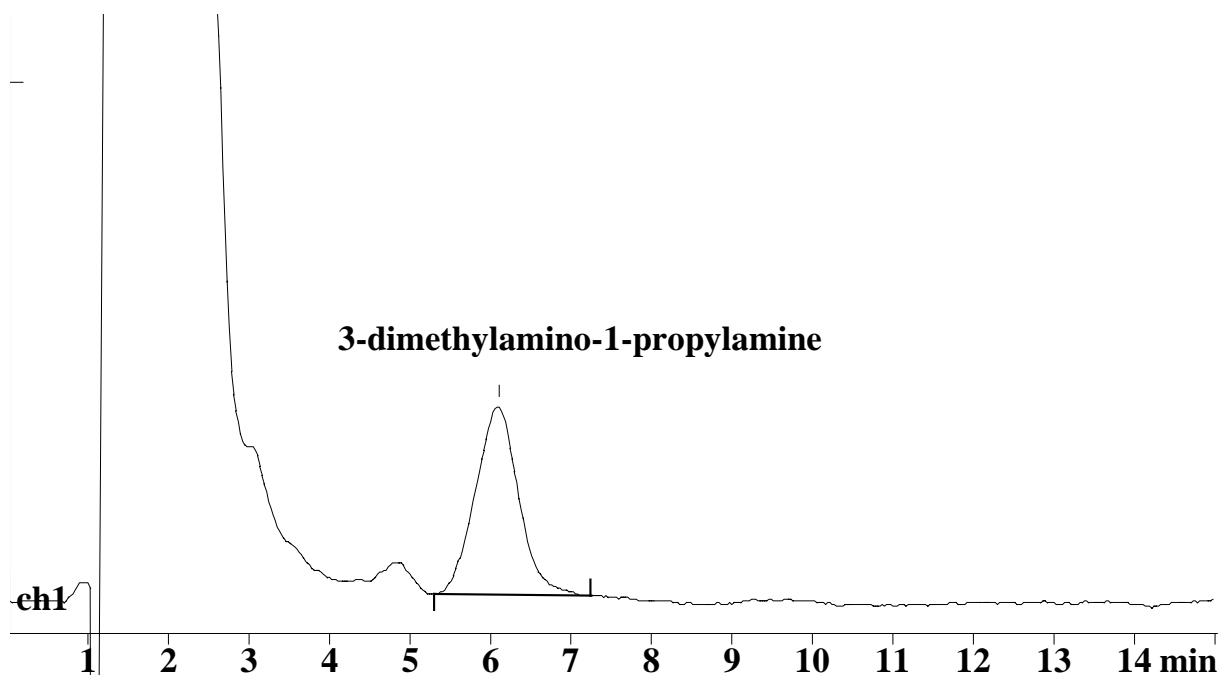
IC Application Note No. C-8

Title:	3-Dimethylamino-1-propylamine in cocoamidopropyl betaine
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Summary:	Determination of 3-dimethylamino-1-propylamine in cocoamidopropyl betaine using cation chromatography with direct conductometric detection.
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Sample:	Cocamidopropyl betaine
Sample Preparation:	Dilution 1:25, solid phase extraction with C ₁₈ cartridge

Column:	6.1010.000 Metrosep Cation 1-2
Eluent:	5 mmol/L isonicotinic acid, 4 mmol/L nitric acid, 20 % acetone
Flow:	1.0 mL/min
Injection Volume:	10 µL



Results:	3-dimethylamino-1-propylamine mg/L
	108.9