

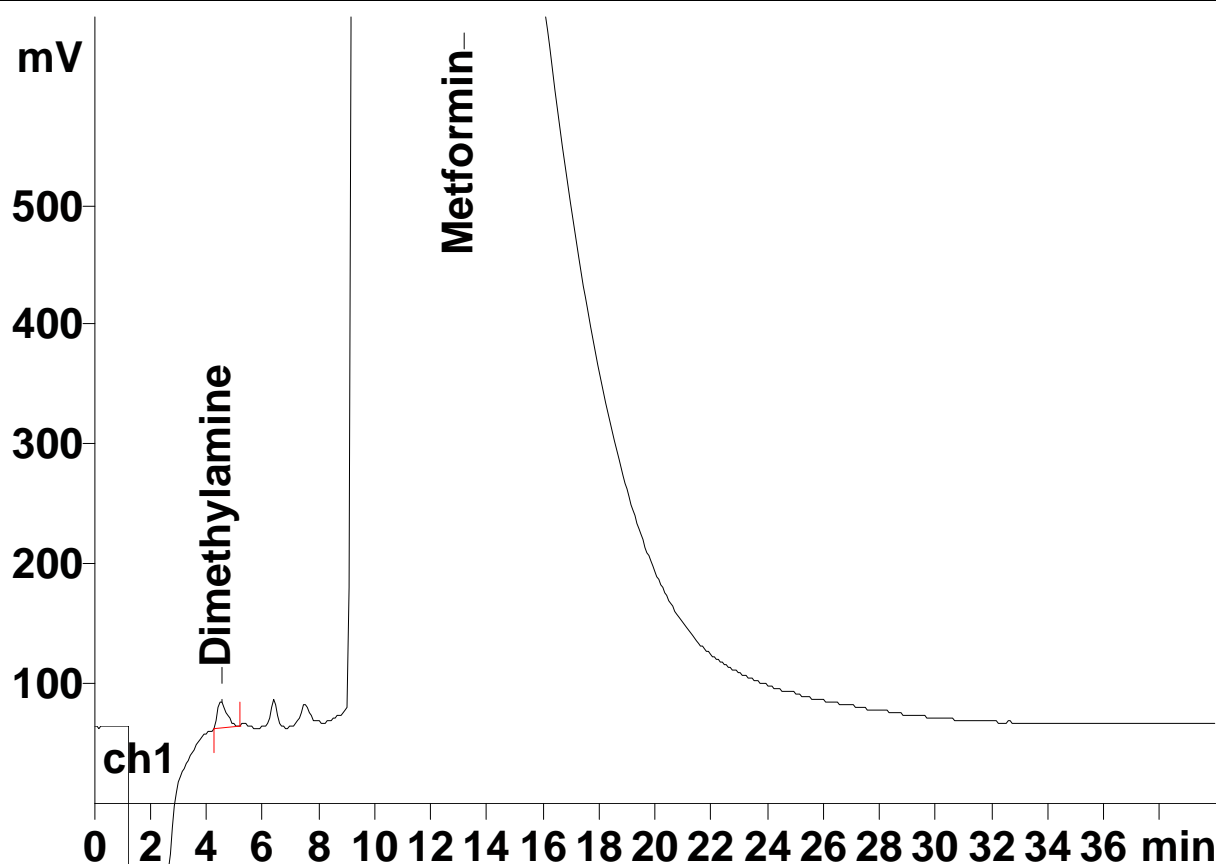
IC Application Note No. C-128

Title: Dimethylamine in Metformin

Summary: Determination of dimethylamine in Metformin (N,N-dimethylimidodicarbonimidic diamide, anti-diabetic drug) using cation chromatography with direct conductivity detection.

Sample: Metformin
Sample Preparation: 0.1 mg sample dissolved in 10 mL ultrapure water, direct injection after filtration (0.2 µm)

Column: 6.1010.220 Metrosep C 2 – 150
Eluent: 4.0 mmol/L nitric acid, 5% acetonitrile
Flow: 1.0 mL/min
Injection Volume: 20 µL



Results:	Dimethylamine mg/L
	181.5