

IC Application Note No. C-110

Title: Tributylamine in gabapentine

Summary: Determination of tributylamine in a pharmaceutical product (gabapentine) using cation chromatography with direct conductivity detection.

Sample: Gabapentine

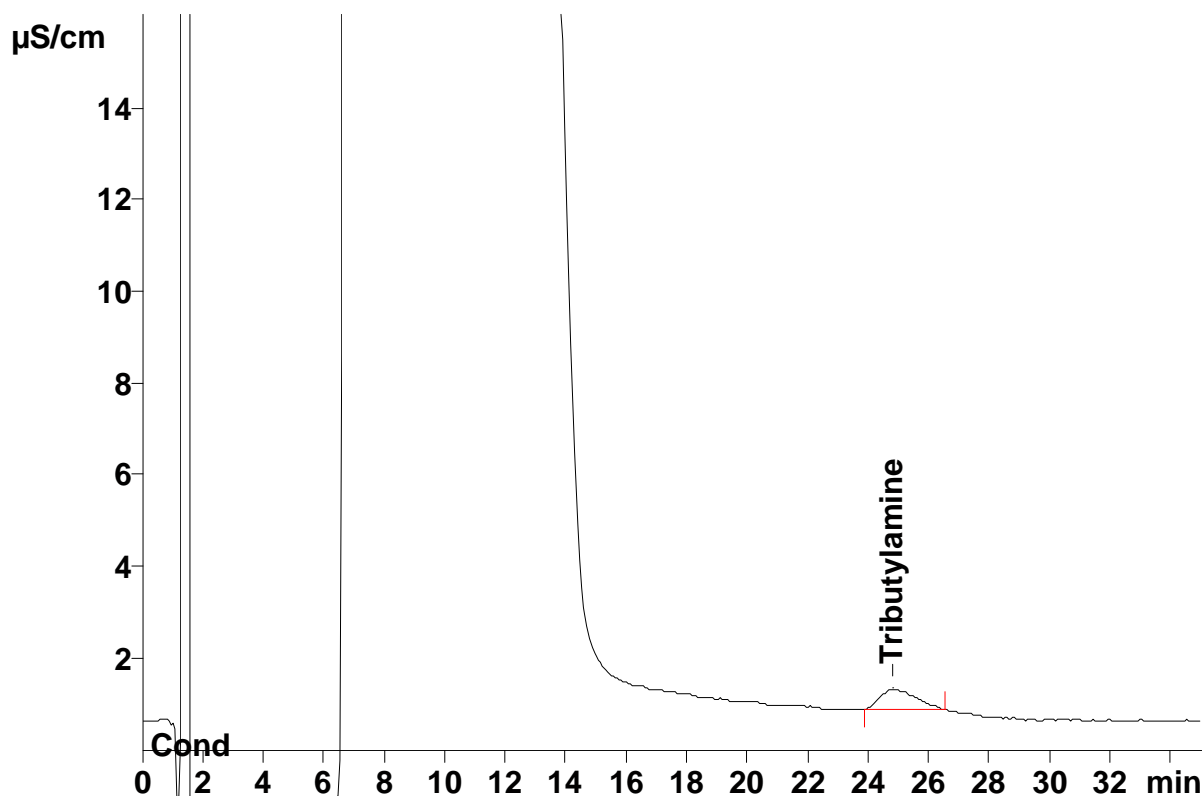
Sample Preparation: 0.5 g sample is dissolved in 10 mL of eluent. Injection after filtration (0.2 µm)

Column: 6.1010.220 Metrosep C 2 – 150

Eluent: 2 mmol/L nitric acid
20% acetone

Flow: 1.0 mL/min

Injection Volume: 100 µL



Results:	Tributylamine mg/L
Sample	n.d.
Sample spiked (10 mg/L)	9.95