

IC Application Note No. C-80

Title: Bethanechol chloride and calcium in tablets

Summary: Determination of bethanechol chloride and calcium in tablets using cation chromatography with direct conductivity detection.

Sample: Bethanechol tablets

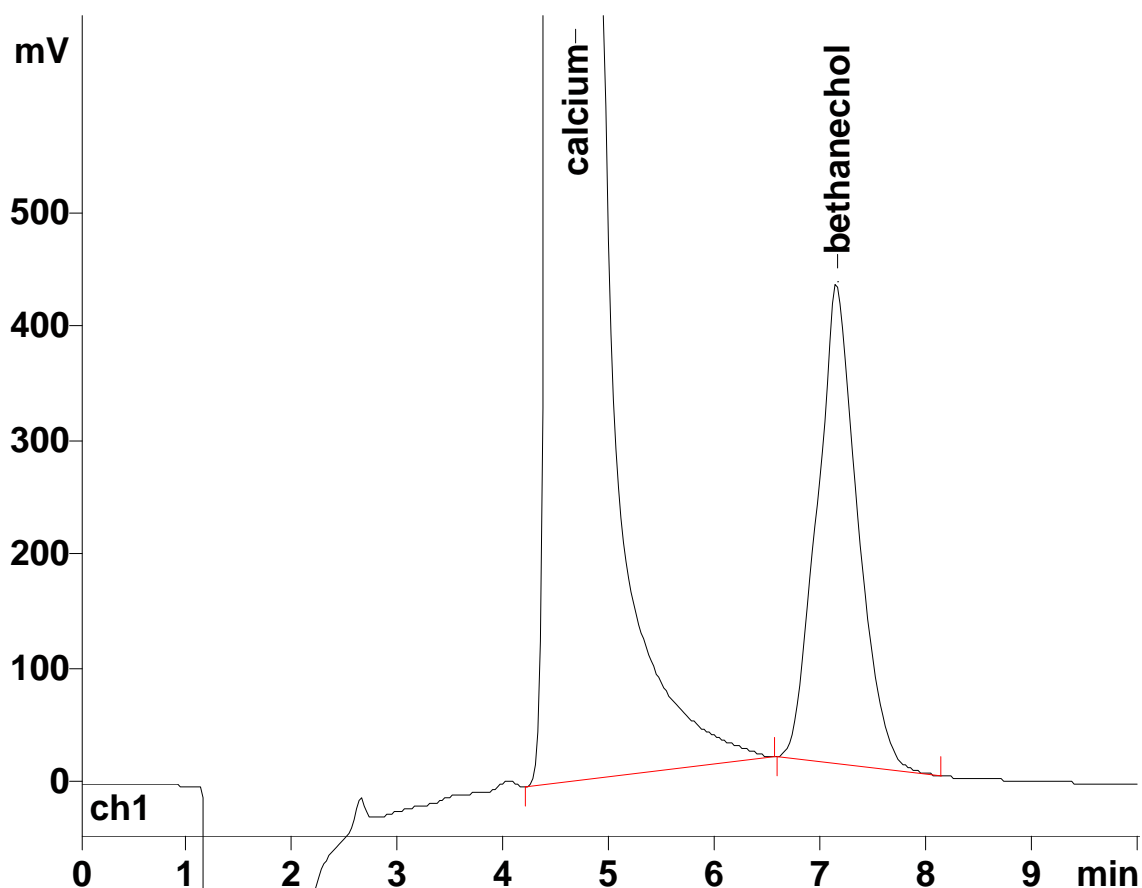
Sample Preparation: 0.18 g of ground tablets (10 pieces) dissolved in 2 mmol/L HNO₃

Column: 6.1010.220 Metrosep C 2 – 150

Eluent: 3.5 mmol/L nitric acid, 10% acetone

Flow: 1.0 mL/min

Injection Volume: 20 µL



Results:	Calcium mg/tablet	Bethanechol mg/L	Bethanechol mg/tablet	Recovery %
	63	0.098	24.3	97.1

See Application Note S-203 for anion determination