

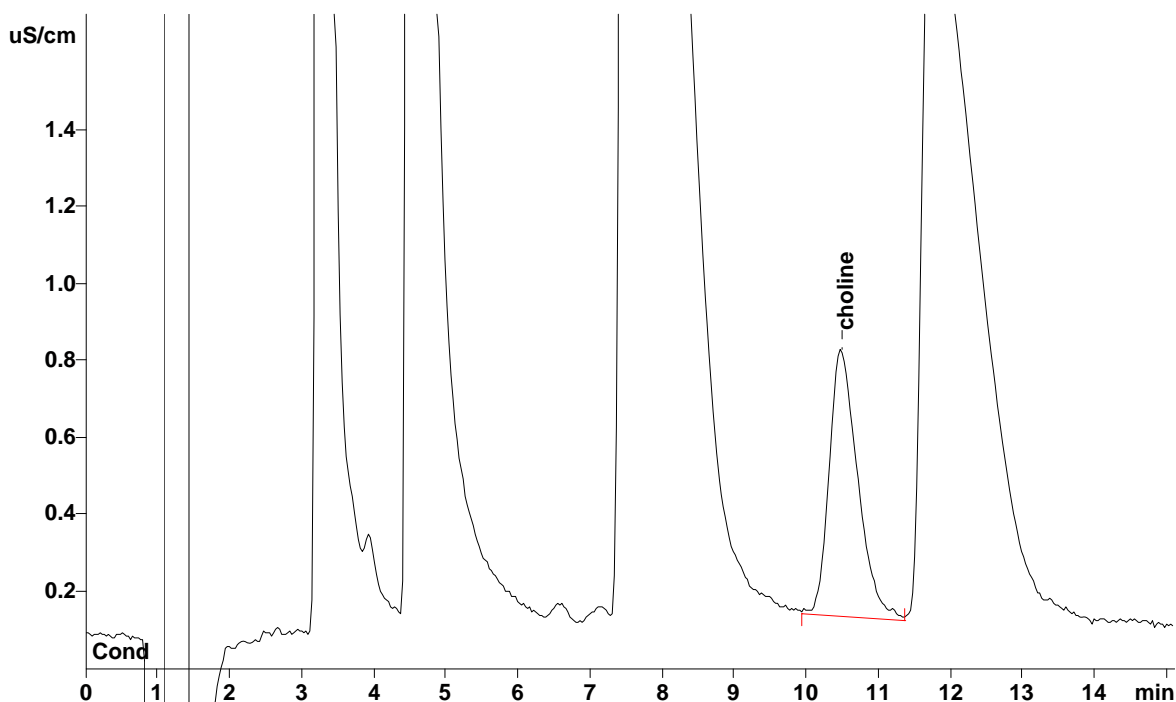
# IC Application Note No. C-100

**Title:** Choline in infant milk powder using online dialysis

**Summary:** Determination of choline in infant milk powder using cation chromatography with direct conductivity detection applying Metrohm Inline Dialysis.

**Sample:** Infant milk powder  
**Sample Preparation:** 500 mg dissolved in 100 mL ultrapure water, direct injection after Inline Dialysis

**Column:** 6.1010.210 Metrosep C 2 – 100  
**Eluent:** 4.0 mmol/L tartaric acid  
 0.75 mmol/L dipicolinic acid, 2% acetone  
**Flow:** 1.0 mL/min  
**Injection Volume:** 20  $\mu$ L



<b>Results:</b>	Choline
Concentration (mg/L)	<b>11.04</b>
RSD n = 6 (%)	<b>1.6</b>