

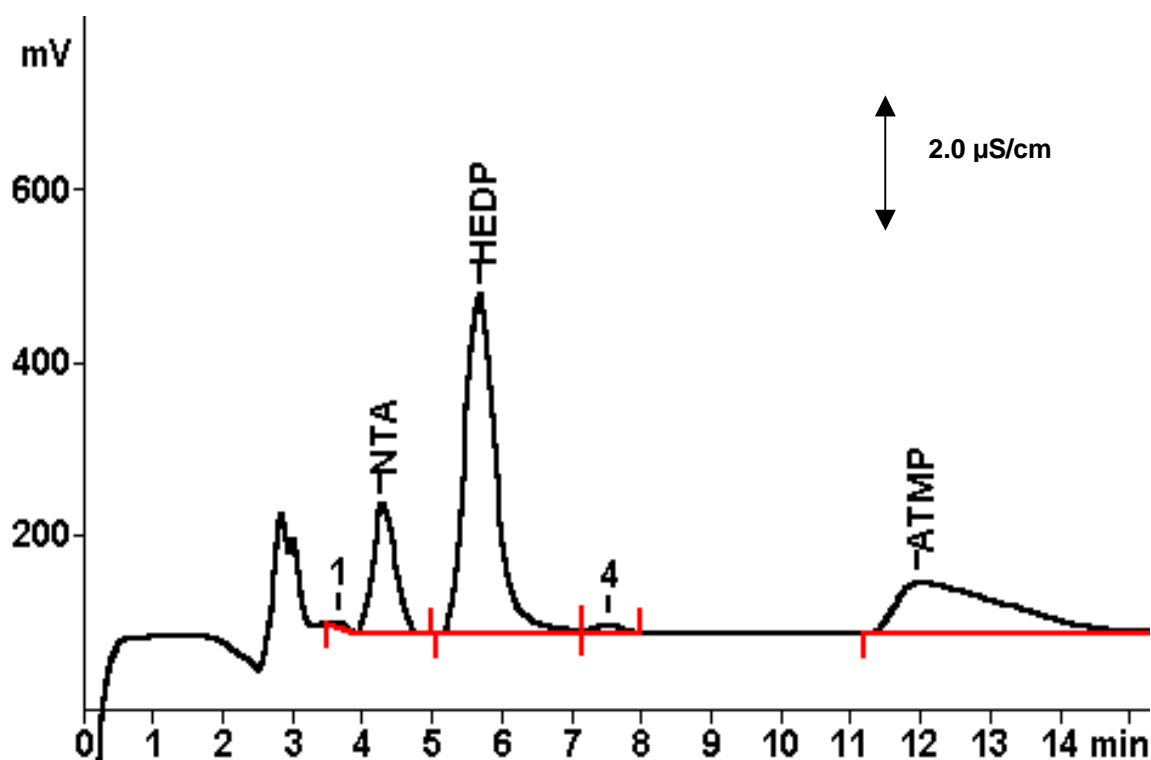
# IC Application Note No. S-125

**Title:** Determination of complexing agents

**Summary:** Determination of NTA, HEDP and ATMP using anion chromatography with conductivity detection after chemical suppression.

**Sample:** Standards  
**Sample Preparation:**

**Column:** 6.1006.510 Metrosep A SUPP 5-100  
**Eluent:** 40 mmol/L sodium hydroxide, 1.2 mmol/L sodium carbonate  
**Suppressor:** MSM (50 mmol/L H<sub>2</sub>SO<sub>4</sub>)  
**Flow:** 0.7 mL/min  
**Injection Volume:** 20 µL



<b>Results:</b>	Nitilotriacetic acid NTA	1-Hydroxyethane-1,1 diphosphonic acid HEDP	Aminotrimethylene-phosphonic acid ATMP
	mg/L	mg/L	mg/L
	10	40	40