

IC Application Note No. N-63

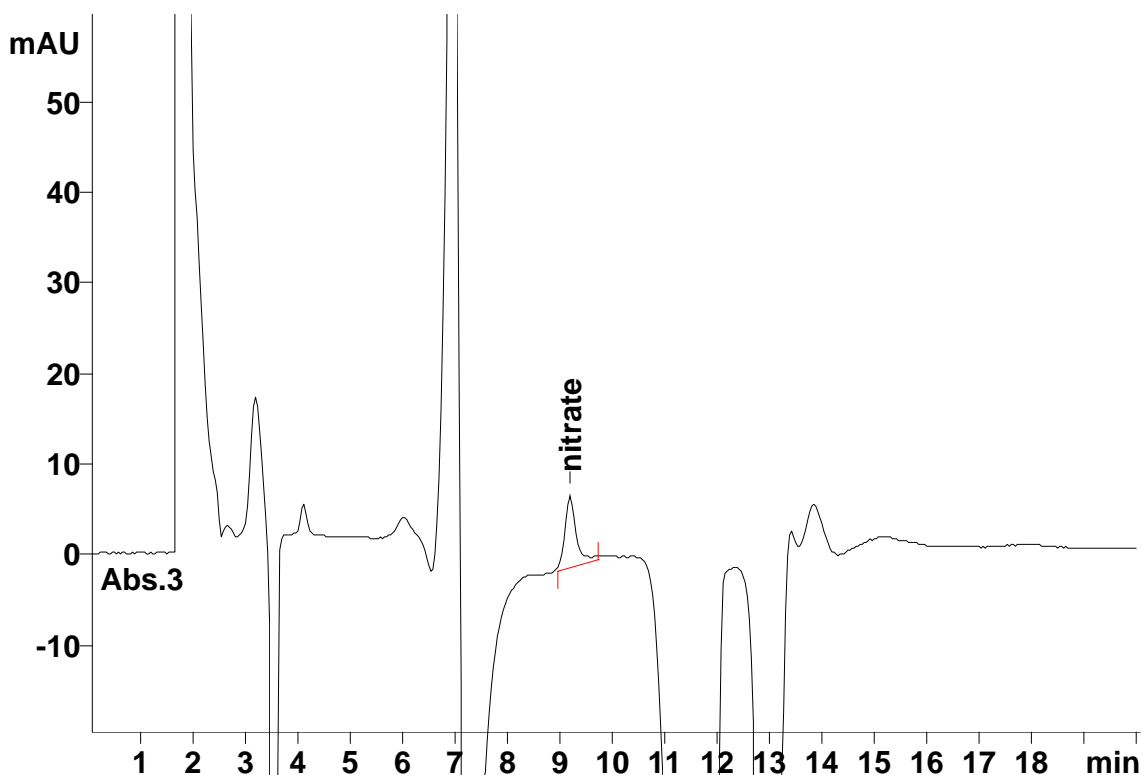
Title: Nitrate in nickel plating bath

Summary: Determination of nitrate in a nickel plating bath using anion chromatography with UV/VIS detection (205 nm).

Sample: Nickel plating bath containing 5 g/L nickel

Sample Preparation: Dilution 1 : 50, nickel removed by means of a sodium-loaded cation exchanger cartridge

Column: 6.1006.520 Metrosep A Supp 5 – 150
Eluent: 3.2 mmol/L sodium carbonate
 1.0 mmol/L sodium hydrogencarbonate
Flow: 0.7 mL/min
Injection Volume: 20 µL



Results:	Nitrate mg/L
	12.25

See AN S-213 for the corresponding analysis with chemical suppression