

# IC Application Note No. U-32

**Title:** Sulfide in a raw sodium vanadate solution by UV detection

**Summary:** Determination of sulfide in a raw vanadate solution using anion chromatography with UV/VIS detection.

**Sample:** Process water of paper industry

**Sample Preparation:** Dilution 1:500 with ultrapure water

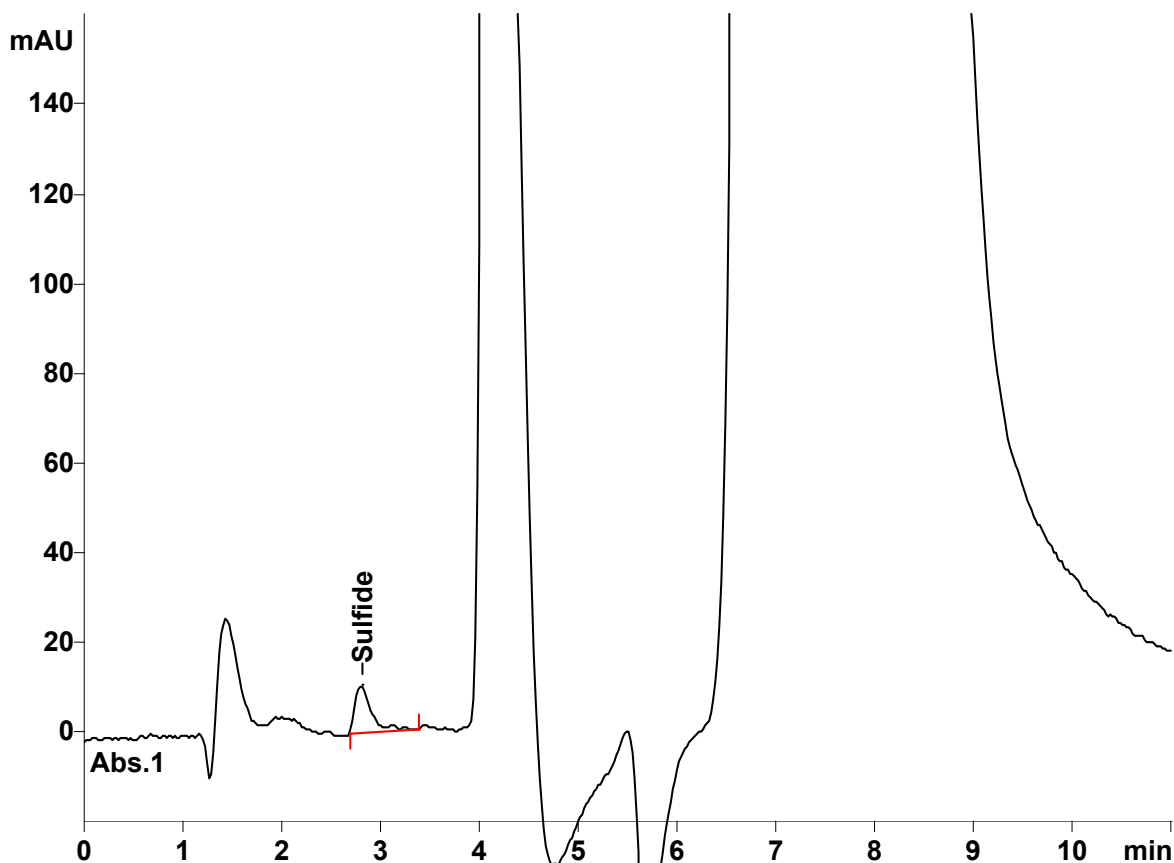
**Column:** 6.1006.510 Metrosep A Supp 5 – 100

**Wavelength:** 205 nm

**Eluent:** 4.0 mmol/L sodium carbonate

**Flow:** 0.7 mL/min

**Injection Volume:** 100  $\mu$ L



<b>Results:</b>	Sulfide mg/L
	<b>136</b>