

IC Application Note No. N-49

Title: Borate and silicate in washing powder

Summary: Determination of borate and silicate in washing powder using anion chromatography with direct conductivity detection.

Sample: Washing powder

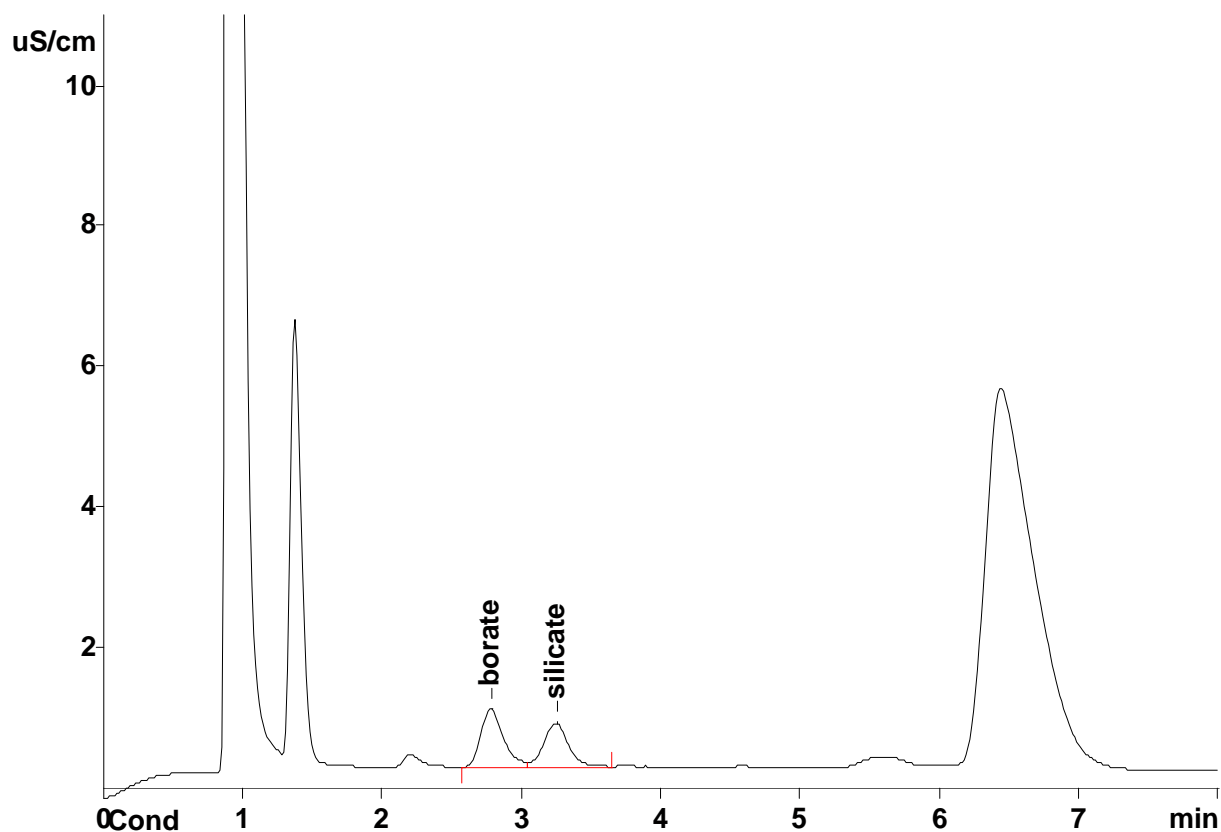
Sample Preparation: Dissolution and subsequent dilution 1 : 10000, injection through an IC-RP cartridge

Column: 6.1005.000 Hamilton PRP-X 100

Eluent: 3.2 mmol/L sodium hydroxide,
0.5 mmol/L sodium carbonate

Flow: 1.0 mL/min

Injection Volume: 20 μ L



Results:

Borate
g/kg

Silicate
g/kg

59.7

34.7