

IC Application Note No. P-28

Title: Polysaccharides in potato starch

Summary: Determination of polysaccharides (n glucose units) in potato starch using pulsed amperometric detection and a high pressure gradient.

Sample: Potato starch (used as identification standard for AN P-29)

Sample Preparation: 1 g of the sample dissolved in 100 mL ultrapure water, injection after filtration

Column: 6.1005.300 Metrosep A Supp 1

Eluent:
A: 100 mmol/L sodium hydroxide,
10 mmol/L sodium acetate
B: 100 mmol/L sodium hydroxide
400 mmol/L sodium acetate

Voltage: 50 mV

Temperature: 32 °C

Flow: 1.0 mL/min

Injection Volume: 20 µL

