IC Application Note No. S-133



Setup of the Inline sample preparation.

10 μ L of the sample are injected into the transfer solution (degassed ultra pure water), which pushes the sample segment through the silver and cation exchanger cartridges to remove excess chloride. The remaining ions are retained on a preconcentration column (6.1006.500 A SUPP 4/5 Guard) mounted on the injector instead of the sample loop.

Due to the fact that only 10 μ L of the sample is transferred through the cartridges they may be used for 10 or more injections depending on the chloride content of the samples.

Schematics of the setup:

