

Trace Analysis, Semiconductors

AN Number	Title
C-21	Cation determination in the low ppb range
C-31	Calcium and magnesium in high-purity sodium chloride
C-38	Five cations in 4% boric acid
C-49	Trace cations in power plant feed water stabilized with 7 ppm monoethanolamine (MEA)
C-51	Determination of aluminium using post column reaction and UV detection
C-74	Trimethylamine in hydrogen peroxide (H₂O₂)
C-83	Online monitoring of trace levels of cations in boiler feed water
C-90	Traces of zinc and iron(II) besides the standard cations
C-96	Trace analysis of monovalent cations in ethanolamine matrix (secondary cycle of a pressurized water reactor) applying Metrohm Inline Sample Preparation with an 800 Dosino for liquid handling
N-22	Traces of iodide in hydrochloric acid (25%) using amperometric detection
N-23	Traces of chloride, nitrate and sulfate in butyrolactone
N-24	Traces of carbonate in urea
N-25	Traces of nitrite, thiosulfate and iodide using amperometric detection
N-26	Traces of sulfide and cyanide in seepage water using amperometric detection
N-27	Traces of bromide and iodide using amperometric detection
N-38	Traces of iodide in acetic acid using amperometric detection
N-45	Chromate using post column reaction
N-54	Borate and silicate in ultrapure water
N-58	LOD and LOQ for silicate and borate determination according to EPA (MDL procedure)
N-59	LOD and LOQ for silicate determination besides fluoride according to EPA (MDL procedure)
N-60	Online monitoring of trace levels of silicate in boiler feed water
N-63	Nitrate in nickel plating bath
Q-1	Online monitoring of trace levels silicate in boiler feed water
Q-2	Online monitoring of trace levels of cations in boiler feed water

Q-3	Online monitoring of trace levels of anions in boiler feed water
S-1	Nitrate, phosphate and sulfate in hydrogen peroxide (H2O2)
S-2	Trace anions in water (fluoride, formate, cyanate, bromide, chlorate)
S-4	Chloride, sulfate and iodide in 59% manganese bromide solution
S-28	ppb levels of anions
S-32	ppt analysis (ng/L) in ion chromatograohy
S-42	Traces of bromide and phosphate in process effluent with a high organic load using dialysis for sample preparation
S-50	Chloride, nitrate and sulfate in methanol
S-52	Anions in rain water
S-56	Traces of chloride in ultrapure water under clean room conditions
S-66	Trace anions in boric acid after preconcentration
S-67	Traces of chloride and sulfate in a developing bath
S-68	Traces of anions in 15% NaOH after inline sample neutralization using the MSM
S-74	Traces of chloride, chlorate and sulfate in caustic soda (50% NaOH)
S-125	Determination of complexing agents
S-153	Chloride in 65% nitric acid using column switching
S-181	Trace determination of chloride in quaternary ammonium hydroxide using inline cation exchange
S-206	Online monitoring of trace of anions in boiler feed water
S-209	Fluoride, methyisulfonic, ethyldisulfonic and methyldisulfonic acid in chromium plating baths
S-211	Chloride and sulfate in etching solutions
S-213	Nitrate in nickel plating bath
S-214	Trace level fluoride and sulfate in 35% hydrochloric acid after inline neutralization
S-217	Ultratrace-level perchlorate in reagent water, ground water, surface water and water containing 3000ppm of total dissolved solids (USEPA method 314.0)
S-228	Anions in perfluorocarbon
S-242	Trace analysis of anions in the primary cycle of a nuclear power plant (PWR) applying Metrohm Inline Sample Preparation
S-246	Sulfate in methanedisulfonic acid
S-250	Trace anions in tetramethylammonium hydroxide (TMAOH)

S-251	Trace anions in concentrated phosphoric acid applying two-dimensional ion chromatography
U-4	Nitrate in nickel plating bath (non-suppressed)
U-5	Nitrate in nickel plating bath (suppressed)
U-8	Trace anions in magnesium chloride (MgCl₂) applying anion chromatography with conductivity detection after chemical suppression and subsequent UV/VIS detection