

Metals, Electroplating

AN Number	Title
C-55	Determination of lead, zinc, indium, cadmium, cobalt, ammonium, potassium, manganese, magnesium and calcium
C-69	Zinc, sodium, calcium and magnesium in an industrial bath
N-35	Standard anions in galvanic sludge. Comparison of IC methods
N-36	Tartrate, nitrate and sulfate in a zinc/manganese solution
N-41	Borate, chloride and sulfate in a single run applying a step gradient
O-11	Citrate and saccharin in a nickel plating bath
O-12	Gluconate and salicylate in a zinc plating bath
O-13	Lactate, formate and acetate in a cataphoretic paint bath
O-14	Citrate, fluoride, lactate and acetate in a plating bath
O-16	Separation of eight carboxylic acids
O-20	Citric acid and lactic acid in an electroplating bath
S-24	Fluoride, chloride and nitrate in an acidic nickel/zinc bath
S-29	Anions in an etching reagent
S-30	Anions in high-pressure steam
S-31	Anions in a concentrated acid mixture (HCl)
S-34	Traces of chloride in potassium cyanaurate
S-40	Five anions in cutting oil emulsions using dialysis for sample preparation
S-51	Chloride, sulfate, chromate and sulfonic acids in a chromium plating bath
S-64	Glycolate, acetate and chloride in monochloroacetic acid
S-67	Traces of chloride and sulfate in a developing bath
S-79	Four anions in corrosion powder
S-82	Chloride in an eloxal bath
S-92	Standard anions in galvanic sludge. Comparison of IC methods
S-93	Nitrate, phosphate, sulfate and chromate in a cataphoretic paint bath
S-96	Nitrate, phosphate, tungstate and tetrafluoroborate in a zinc/manganese solution

S-108	Five anions in an electroplating bath after inline elimination of heavy metals
S-113	Chloride in brass
S-116	Borate, chloride and sulfate in a single run applying a step gradient
S-125	Determination of complexing agents
S-145	Chloride and sulfate in hypophosphoric acid
S-146	Chloride and sulfate in succinic acid
S-165	Hypophosphite, phosphite, tartrate, tungstate, phosphate, citrate and pyrophosphate in an electroplating bath
S-166	Hypophosphite, phosphite, tartrate, tungstate, phosphate, citrate, pyrophosphate besides the standard anions
S-190	Five anions in a strongly alkaline solution containing 70 g/L vanadate
S-191	Chloride, nitrite and sulfate in a used zinc bath containing cooling lubricants
S-192	Online determination of acids in an etching bath with inline dilution
S-200	Sulfate, molybdate and chromate in galvanic baths
S-246	Sulfate in methanedisulfonic acid
S-247	Hypophosphite, phosphite and phosphate in a nickel bath
U-6	Fe²⁺ and Fe³⁺ by ion chromatography applying post column reaction (PCR) and UV/VIS detection
U-25	Saccharin and its degradation products (benzamide, o-toluenesulfonamide) in a nickel electroplating bath
U-32	Sulfide in a sodium vanadate raw solution by UV detection