

CONTENT

p.

DEVICES AND METHODS OF CONTROL

ESTIMATION OF APPLICABILITY OF SCATTERED RADIATION FOR XRF P. Zuzaan, D. Bolortuya, S. Davaa, A.G. Revenko	376
THE SCATTERING OF X-RAY FLUORESCENT RADIATION IN A MEDIUM B.D. Kalinin, R.I. Plotnikov	382
DETERMINATION OF LANTHANUM IN SYNTHETIC CATALYSTS BASED ON ZEOLITE BY X-RAY FLUORESCENCE ANALYSIS T.S. Aisueva, O.Y. Belozerova, A.L. Finkelshtein, N.Y. Bryanceva, S.A. Skornikova	386
SURFACE FUNCTIONALIZATION OF CELLULOSE THIOSEMICARBAZIDE GROUPS TO CREATE SORBENT FOR CONCENTRATION AND DETERMINATION OF HEAVY METALS IN WATER Dzh.N. Konshina, Z.A. Temerdashev, V.V. Konshin, E.I. Byshkina.	393
QUANTITATIVE DETERMINATION OF TECHNETIUM ISOTOPE (⁹⁹ Tc) IN URANIUM MATERIALS BY INDUCTIVELY COUPLED PLASMA MASS-SPECTROMETRY S.L. Ivanov, N.V. Kuzmina, A.Yu. Leykin, A.V. Prosviryakova, A.V. Saprygin	401
ATOMIC ABSORPTION DETERMINATION OF GOLD AND SILVER IN ROCKS AND ORES USING DOUBLE-STAGE PROBE ATOMIZATION IN THE GRAPHITE FURNACE Y.A. Zakharov, R.V. Okunev, S.I. Hasanova, D.S. Irisov, R.R. Haibullin.	414
PHYSICO-CHEMICAL PROPERTIES OF THE ELECTROCHEMICAL OXYGEN REDUCTION REACTION (ORR) INHIBITED BY VARIOUS ANTIOXIDANTS A.N. Vtorushina, E.I. Korotkova, S.G. Kataev	423
DEVELOPMENT THE METHOD OF DETERMINATION OF CATIONS LYSINE AND THIAMINE IN THE RECONSTITUTED MILK WITH USING PD-SENSORS O. V. Bobreshova, A. V. Parshina, E.A. Ryzhkova, T. S. Titova	430
GAS CHROMATOGRAPHIC DETERMINATION OF ASCARIDOLE – THE PRODUCT OF SINGLET OXYGEN AND α -TERPINENE REACTION A.S. Ovechkin, M.D. Reyngerevts, L.A. Kartsova.	439
CHROMATOGRAPHY-MASS-SPECTROMETRY DETERMINATION OF THIODIACETIC ACID IN URINE O.M. Zhurba, A. N. Alexeenko, S.F. Shaiakhmetov	445
CHROMATO-MASS-SPECTROMETRIC DETERMINATION OF IMPURITIES IN HIGH-PURITY PHOSPHINE USING CAPILLARY ADSORPTION CHROMATOGRAPHIC COLUMNS V.A. Krylov, O.Iu. Chernova, A.Iu. Sozin, A.P. Kotkov, G.V. Pushkarev.	452
RAPID METHOD OF ULTRASOUND-ASSISTED EXTRACTION OF GINSENOSES FROM PLANT MATERIALS AND GINSENG PRODUCTS APPLICABLE FOR HPLC-MS/MS ANALYSIS A.N. Stavrianidi, I.A. Rodin, A.V. Braun, O.A. Shpigun.	459
EXTRACTION-CHROMATOGRAPHIC DETERMINATION OF LOCAL ANESTHETICS IN AQUEOUS MEDIA Ia.I. Korenman, T.V. Chibisova, P.T. Sukhanov, M.V. Zybenko	465
PHOTOMETRIC REDOX DETERMINATION OF CHLORINE AND BROMINE OXOANIONS IN THE HYPOCHLORITE DISINFECTANTS SOLUTIONS E.V. Nayanova, E.V. Elipasheva, G.M. Sergeev	472
SORPTION-SPECTROSCOPIC DETERMINATION Pb(II) WITH BROMOPYROGALLOL RED IMMOBILIZED IN HARDENED GELATIN GEL T.B. Pochinok, P.V. Anisimovich, Z.A. Temerdashev, EA Reshetniak	477
FLUORIMETRIC DETERMINATION OF PHENOL IN WORKING AREA AIR WITH CHROMATOMEMBRANE LIQUID ABSORPTION A. L. Moskvina, A. N. Melnichenko	485
AUTHORS OF "ANALITIKA I KONTROL", 2013, V. 17	490
ARTICLES PUBLISHED IN "ANALITIKA I KONTROL", 2013, V. 17.	494