

ANALYTICS AND CONTROL

2017. Vol. 21, No. 3

CONTENT

p.

REVIEWS

Trends in the analytical quality control of the potable ethanol <i>O.B. Rudakov, S.Y. Nikitina</i>	180
--	-----

DEVICES AND METHODS OF CONTROL

Possibilities of improving contrast for the measurements of the ¹³¹I volume concentration by scintillation γ-spectrometers <i>M.P. Belousov, O.V. Ignatyev, E.A. Kupchinskaya, A.V. Kupchinsky, S.G. Morozov, A.A. Pulin</i>	197
Determination of the gold-containing micro particles composition in the sulfide mineral matrix using the electron probe microanalysis <i>V.V. Tatarinov, A.L. Finkelshtein, R.G. Kravtsova, L.A. Pavlova</i>	208
X-ray fluorescence determination of coal combustion products element composition <i>E.V. Chuparina, L.Ph. Paradina</i>	216
Identification of impurities in high-purity sulfur using gas chromatography-mass spectrometry method <i>A.Iu. Sozin, M.F. Churbanov, O.Iu. Chernova, T.G. Sorochkina, I.V. Skripachev, G.E. Snopatin</i>	225
Liquid chromatography mass spectrometry identification and determination of glycyrrhizin in licorice root extracts and food products <i>A.N. Stavriani, E.A. Stekolshchikova, I.A. Rodin, O.A. Shpigun</i>	230
A new version of hydrophilic interaction liquid chromatography with the use of ionic liquids based on imidazole for the determination of highly polar drugs in body fluids <i>V.D. Somova, E.A. Bessonova, L.A. Kartsova</i>	241
Identification and chromatographic determination of bioactive components in the instant coffee samples <i>E.A. Tishchenko, T.G. Tsiupko, V.V. Milevskaia, A.Z. Temerdashev</i>	251
Express analysis of hard alcohol drinks using the "electronic nose" piezosensors array <i>T.A. Kuchmenko, E.V. Bodrenko, E.P. Anokhina</i>	262
Digital colorimetric determination of chlorides in water using gas extraction and methyl orange <i>M.O. Gorbunova, E.M. Bayan, A.V. Shevchenko, M.S. Kulyaginova</i>	274
Study of arsenic and antimony co-precipitation process during the separation from the macro quantities of iron and chromium in the form of Na_3FeF_6 and Na_3CrF_6 <i>A.V. Maiorova, S.Yu. Melchakov, T.G. Okuneva, K.A. Vorontsova, M.A. Mashkovtsev</i>	281