

ANALYTICS AND CONTROL

2018. Vol. 22, No. 1

CONTENT

p.

REVIEWS

Modern automatic CHNS/O/X organic compound analyzers	
<i>E.A. Zauer</i>	<i>6</i>

DEVICES AND METHODS OF CONTROL

Determination of Sapium discolor seed oil estolides and triacylglycerines: comparison of the substances separation by conventional and microcolumn (Milichrome A-02) chromatography	
<i>Anh Van Nguyen, V.I. Deineka, Long Quoc Pham, Phuong Lan Doan, L.A. Deineka</i>	<i>20</i>
UHPLC-MS/MS method application for the determination of several anabolic agents and nootropics in the urine	
<i>E.V. Dmitrieva, A.Z. Temerdashev, A.A. Azaryan, E.M. Gashimova</i>	<i>28</i>
Chromatographic-mass spectrometric study of the emissions composition during the petroleum products loading	
<i>A.Z. Temerdashev, A.S. Aphonin, I.G. Korpakova</i>	<i>35</i>
Extraction and gas-chromatographic determination of phenol in soil	
<i>I.V. Gruzdev, O.M. Zueva, E.S. Titova, V.V. Staliugin, B.M. Kondratenok</i>	<i>44</i>
Separation of amino acids and β-blockers enantiomers by capillary electrophoresis with 1-butyl-3-methylimidazolium L-proline [C4MIm][L-Pro] as a chiral selector	
<i>E.A. Kolobova, L.A. Kartsova, E.V. Alopina, N.A. Smirnova</i>	<i>51</i>
IR spectrometric determination of non-hydrocarbon lubricating-cooling liquid in compressed process air	
<i>Z.A. Temerdashev, I.A. Kolychev, Yu.A. Ivanova</i>	<i>61</i>
Solid-phase spectrophotometric iodometric determination of iodate in food salt using a polymethacrylate matrix	
<i>D.A. Fedan, N.V. Saranchina , N.A. Gavrilenko, M.A. Proskurnin</i>	<i>69</i>

STANDARDS AND METROLOGY

Chromate membrane generation of volatile organic compounds standard gas mixtures at the ppm level	
<i>A.R. Gorbacheva, O.V. Rodinkov</i>	<i>75</i>

INFORMATION

In Memory of Antonina Nikonovna Smagunova (13 August 1934– 04 March 2018)	
<i>.....</i>	<i>83</i>