

# Trends in quality in the analytical laboratory. II. Analytical assurance

TrAC - Trends in Analytical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantification of bambuterol hydrochloride in a formulated product using solid-state NMR. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 858-864.	2.8	56
2	Evaluation of matrix effect and chromatography efficiency: new parameters for validation of method development. Journal of the American Society for Mass Spectrometry, 2005, 16, 1757-1759.	2.8	85
3	Lignans and secoiridoids from the root bark of <i>Chionanthus virginicus</i> L.: isolation, identification and HPLC analysis. Phytochemical Analysis, 2005, 16, 375-379.	2.4	12
4	A "toolbox" for biological and chemical monitoring requirements for the European Union's Water Framework Directive. Talanta, 2006, 69, 302-322.	5.5	304
5	Evaluation of densitometric TLC for quantitative analysis of selected phenolic acids for standardization of propolis concentrates. Journal of Planar Chromatography - Modern TLC, 2006, 19, 449-453.	1.2	2
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7	Hierarchical classification designs for the estimation of different sources of variability in proficiency testing experiments. Analytica Chimica Acta, 2006, 555, 348-353.	5.4	16
8	Quantitative analysis of malic and citric acids in fruit juices using proton nuclear magnetic resonance spectroscopy. Analytica Chimica Acta, 2006, 556, 462-468.	5.4	90
9	Nonaqueous capillary electrophoresis method for the enantiomeric purity determination of S-timolol using heptakis(2,3-di-O-methyl-6-O-sulfo)- $\beta$ -cyclodextrin: Validation using the accuracy profile strategy and estimation of uncertainty. Journal of Chromatography A, 2006, 1120, 102-111.	3.7	47
10	Characterization of recovery profiles using gas chromatography-triple quadrupole mass spectrometry for the determination of pesticide residues in meat samples. Journal of Chromatography A, 2006, 1133, 315-321.	3.7	38
11	Multivariate analysis of nystatin and metronidazole in a semi-solid matrix by means of diffuse reflectance NIR spectroscopy and PLS regression. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 51-55.	2.8	24
12	Estimation of uncertainty for the determination of mercury in food by CVAAS. Accreditation and Quality Assurance, 2006, 11, 17-22.	0.8	8
13	Validation and qualification: the fitness for purpose of mass spectrometry-based analytical methods and analytical systems. Analytical and Bioanalytical Chemistry, 2006, 386, 38-45.	3.7	30
14	Optimisation of solid-phase microextraction coupled to HPLC-UV for the determination of organochlorine pesticides and their metabolites in environmental liquid samples. Analytical and Bioanalytical Chemistry, 2006, 386, 332-340.	3.7	27
15	Rapid phase-compositional assessment of lipid-based food products by time domain NMR. Magnetic Resonance in Chemistry, 2006, 44, 1023-1030.	1.9	38
16	Validation in context of bioanalytical research papers. Journal of Separation Science, 2006, 29, 2555-2556.	2.5	1
17	The Role of and the Place of Method Validation in the Quality Assurance and Quality Control (QA/QC) System. Critical Reviews in Analytical Chemistry, 2007, 37, 173-190.	3.5	63
18	Validation of a Method for Predicting the Precision, Limit of Detection and Range of Quantitation in Competitive ELISA. Analytical Sciences, 2007, 23, 215-218.	1.6	8

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19	TLC-UV analysis of indole compounds and other nitrogen-containing bases in the fruiting bodies of <i>Lactarius deterrimus</i> . <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 57-60.	1.2	17
20	Analytical Aspects of Plant Metabolite Profiling Platforms: A Current Standings and Future Aims. <i>Journal of Proteome Research</i> , 2007, 6, 480-497.	3.7	94
21	Flame Atomic Absorption Spectrometry Assay for Copper Determination in Pharmaceutical Products for Veterinary Use. <i>Analytical Letters</i> , 2007, 40, 2097-2104.	1.8	2
22	Microwave-Assisted Sample Preparation of Coal and Coal Fly Ash for Subsequent Metal Determination. <i>Analytical Letters</i> , 2007, 40, 199-232.	1.8	21
23	Emerging tools and sustainability of water-quality monitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 308-314.	11.4	7
24	A practical guide to analytical method validation, including measurement uncertainty and accuracy profiles. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 227-238.	11.4	482
25	Validation of new methods. <i>Forensic Science International</i> , 2007, 165, 216-224.	2.2	1,093
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29	Simultaneous determination of paracetamol, caffeine and propyphenazone in ternary mixtures by micellar electrokinetic capillary chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 847, 126-132.	2.3	67
30	Determination of Rosuvastatin in Pharmaceutical Formulations by Capillary Zone Electrophoresis. <i>Chromatographia</i> , 2007, 66, 65-72.	1.3	23
32	Development of a CZE Method for the Determination of Olmesartan Medoxomil in Tablets. <i>Chromatographia</i> , 2007, 66, 929-933.	1.3	22
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36	Method Validation and Quality Management in the Flexible Scope of Accreditation: An Example of Laboratories Testing for Genetically Modified Organisms. <i>Food Analytical Methods</i> , 2008, 1, 61-72.	2.6	50
37	Microwave-Assisted micellar extraction coupled with solid-phase extraction for preconcentration of pharmaceuticals in molluscs prior to determination by HPLC. <i>Biomedical Chromatography</i> , 2008, 22, 1115-1122.	1.7	36

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39	Label-free capacitive immunosensor for microcystin-LR using self-assembled thiourea monolayer incorporated with Ag nanoparticles on gold electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 78-86.	10.1	120
40	Mixed hemimicelles solid-phase extraction based on cetyltrimethylammonium bromide-coated nano-magnets Fe <sub>3</sub> O <sub>4</sub> for the determination of chlorophenols in environmental water samples coupled with liquid chromatography/spectrophotometry detection. <i>Journal of Chromatography A</i> , 2008, 1180, 24-31.	3.7	193
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49	Validation of an Alternative Method for Counting Enterobacteriaceae in Foods Based on Accuracy Profile. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 527-537.	1.5	11
50	Disposable Electrodes for Capacitive Immunosensor. <i>Electroanalysis</i> , 2009, 21, 1066-1074.	2.9	24
51	Coupling of solid-phase microextraction with micellar desorption and high performance liquid chromatography for the determination of pharmaceutical residues in environmental liquid samples. <i>Biomedical Chromatography</i> , 2009, 23, 1175-1185.	1.7	30
52	Simultaneous determination of ofloxacin and ornidazole in pharmaceutical preparations by capillary zone electrophoresis. <i>Biomedical Chromatography</i> , 2009, 23, 1283-1290.	1.7	36
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54	Square-wave adsorptive stripping voltammetric determination of candesartan cilexetil in pharmaceutical formulations. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1535-1543.	2.9	12
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61	General characterization of analytical methods: Example of mass spectrometry and chromatography-mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2009, 64, 986-994.	0.9	4
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71	Proficiency tests for contaminants in food and herbal medicine in the Asia Pacific region. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 562-576.	11.4	21
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97	Electroanalytical parameters of carbon nanotubes are inferior with respect to well defined surfaces of glassy carbon and EPPG. <i>Electrochemistry Communications</i> , 2011, 13, 213-216.	4.7	16
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112	Validation of an analytical method for the determination of ethyl carbamate in vinegars. <i>Talanta</i> , 2012, 89, 178-182.	5.5	22
113	Effects of grinding and shaking on Cd, Pb and Zn distribution in anthropogenically impacted soils. <i>Talanta</i> , 2012, 98, 185-196.	5.5	19

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115	Validation of a HPLC-tandem MS/MS method for pharmacokinetics study of (+)-pinoresinol-di- $\beta$ -D-glucopyranoside from <i>Eucommia ulmoides</i> Oliv extract in rats <sup>TM</sup> plasma. Journal of Ethnopharmacology, 2012, 139, 337-342.	4.1	17
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134	Enzymatic electrochemical detection coupled to multivariate calibration for the determination of phenolic compounds in environmental samples. <i>Talanta</i> , 2013, 106, 399-407.	5.5	15
135	Online in-tube microextractor coupled with UV-Vis spectrophotometer for bisphenol A detection. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 242-250.	1.7	15
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142	Merging a sensitive capillary electrophoresisâ€“ultraviolet detection method with chemometric exploratory data analysis for the determination of phenolic acids and subsequent characterization of avocado fruit. <i>Food Chemistry</i> , 2013, 141, 3492-3503.	8.2	23
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144	Estimation of dietary aluminum exposure of the Belgian adult population: Evaluation of contribution of food and kitchenware. <i>Food and Chemical Toxicology</i> , 2013, 55, 602-608.	3.6	43
145	Rasagiline hemitartrate: Synthesis, characterization and RP-HPLC validation for its estimation in bulk form. <i>Drug Invention Today (discontinued)</i> , 2013, 5, 133-138.	0.6	6
146	Validation and application of a gas chromatographic method for determining fatty acids and trans fats in some bakery products. <i>Journal of Taibah University for Science</i> , 2013, 7, 56-63.	2.5	3
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152	Part per Trillion Label-Free Electronic Bioanalytical Detection. Analytical Chemistry, 2013, 85, 3849-3857.	6.5	55
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