

Contents

Bioanalytical method validation and its implications for forensic and clinical toxicology – A review	1	Validation of an HPLC method for the determination of p-dichlorobenzene and naphthalene in mothrepellents ..	80
Validation of a computer program for atomic absorption analysis	10	The evaluation of measurement uncertainty from method validation studies. Part 1: Description of a laboratory protocol	84
Instrumental validation in capillary electrophoresis and checkpoints for method validation	14	The evaluation of measurement uncertainty from method validation studies. Part 2: The practical application of a laboratory protocol	91
Qualification and validation of software and computer systems in laboratories. Part 1: Validation during development	24	Automated ion-selective measurement of lithium in serum. A practical approach to result-level verification in a two-way method validation	101
Clinical reference materials for the validation of the performance of photometric systems used for clinical analyses	31	Determination of hydrocarbons in water – interlaboratory method validation before routine monitoring	107
Measurement uncertainty and its implications for collaborative study method validation and method performance parameters	37	Interlaboratory quality audit program for potable water – assessment of method validation done on inductively coupled plasma atomic emission spectrometer (ICP-AES)	112
Qualification and validation of software and computer systems in laboratories. Part 2: Qualification of vendors	42	A need for clearer terminology and guidance in the role of reference materials in method development and validation	116
Qualification and validation of software and computer systems in laboratories. Part 3: Installation and operational qualification	46	Validation of salt spray corrosion test	121
Qualification and validation of software and computer systems in laboratories. Part 4: Evaluation and validation of existing systems	51	Method validation and reference materials	128
Analytical validation in practice at a quality control laboratory in the Japanese pharmaceutical industry ..	56	Method validation of modern analytical techniques ..	134
Validation of the uncertainty evaluation for the determination of metals in solid samples by atomic spectrometry	62	Validation of test methods. General principles and concepts	139
Validation requirements for chemical methods in quantitative analysis – horses for courses?	68	Marketing Valid Analytical Measurement	143
Validation criteria for developing ion-selective membrane electrodes for analysis of pharmaceuticals ..	73	Analytical procedure in terms of measurement (quality) assurance	148
Is the estimation of measurement uncertainty a viable alternative to validation?	76	Flexibilisation of the scope of accreditation: an important asset for food and water microbiology laboratories	153

Different approaches to legal requirements on validation of test methods for official control of foodstuffs and of veterinary drug residues and element contaminants in the EC	159
Methods validation: AOAC's three validation systems	163
Observing validation, uncertainty determination and traceability in developing Nordtest test methods	167