

SUBJECT INDEX

- AAS 1
Acetaminophen 857, 939, 949
Acetylsalicylic acid 939
Achiral impurities 725
Acid–base equilibrium constants 477
Actifed 265
Adduct 651
Adriamycin 219
ADS extraction precolumn 899
Adsorptive stripping 23
Aging 687
 β 3-Agonist 357
 β 3 agonist 739
Albendazole 919
Al-citrate 189
Alizarin *S* 1
Alkyl polyglycosides 73
Al-phosphate 189
Amiloride hydrochloride 443
Amino acid impurities 779
Amino acids 681
5-Aminosalicylic acid 987
Amorphous 63
Analogues 53
Angiotensin II receptor antagonists 477
Anisotropy factor (g) 837
ANNs 241
Anthelmintic 919
Antibacterials 23
Antibiotics 883
Antibody 547
Anticancer drug 219
Antifilarial 665
Antigen 547
Antihistamine 143
Anti-hypertensive agent 579
Antihypertensive drugs 477
Anti-ischemic agent 579
Anti-nerve agent 281
Antioxidases 605
Antitussive 143
Argininosuccinic aciduria 401
Articular distribution 717
Artificial enteric membrane 103
Ascorbic acid 163
Assay 617
Asthmobronchin 379
Automated SPE 321
Automation 495, 599, 701
Azosalicylic acid 987
Benzodiazepine analysis 899
Bilayer lipid membrane 219
Biofluid NMR spectroscopy 463
Brain 573
Brain microdialysis 967
Bromothymol blue 609
Buchu leaves 539
Caffeine 769, 857, 939, 949
Calcipotriol 31
Capillary electrophoresis 427, 779
Capsules 675
Carbamazepine 573
Carbopol gel 531
Cassette dosing 519
Catalase 605
CDRI-93/478 579
Cellular phone 605
CEM-T4 cells 819
Cetylpyridinium chloride 151
Chemical and photochemical stability 909
Chemiluminescence 53
Chemometry 949
Chiroptical detector 837
Chlorophenyl methyl sulphone 617
Cilostazol 637
Circular dichroism (CD) 837
Clozapine 301

- Clozapine *N*-oxide 301
¹³C NMR 401
Codeine 15
Codeine phosphate 857
Combined exposure 291
Conductimetric titration 379
Content uniformity 599
Croatian naphthalene petroleum 801
Cyclic voltammetry 873, 987
β-Cyclodextrin 171
Cyclodextrins 417
Cysteine 163
Cytokine 975
- Dapsone 873
DCP 1009
Decyl glucopyranoside 73
DEET 291
Degradant identification 367
Degradation pathway 367
Densitometry 681
Depleted uranium 281
Derivative ratio spectra–zero crossing spectrophotometry 769
Derivative UV spectrophotometry 171, 563
Diabetes 53
Diastereoisomers 155
Diatomaceous earth plate 357
Didanosine 819
Didanosine triphosphate 819
Diethylcarbamazine 665
Differential Pulse Cathodic Adsorptive stripping voltammetry 593
Differential-pulse voltammetry 23
Diffusive control 547
Dinitrosopiperazine (DNPZ) 1003
Diosmin and hesperidin 539
1,6-Diphenyl-1,3,5-hexatriene 487
Direct injection 899
Distribution 453
Dog plasma 321
Dopamine 995
Dosage-forms 585
DPP 1009
Drug substance 725
Drug substance analysis 339
- Electrical properties 219
Electroanalysis 995
Electrochemical cleavage 987
Electrochemical detection 995
Electron spin resonance spectroscopy 509
Electrospray 301, 819
Electrospray ionisation MS-MS 189
Electrospray ionization 321
Electrospray ionization mass spectrometry 651
Electrospray ionization–mass spectrometry 791
ELISA 53
Enantiomeric purity (e.p.) 837
Enantiomers 123
Endotoxins 811
4-Epi-anhydrotetracycline 417
ETAAS 189
Ethyl morphine hydrochloride 15
Excretion 453
Extraction 609
- Fast protein liquid chromatography 189
Fat emulsion measurement 487
Fenbendazole 919
Filtration 495
Flow-injection 609
Flow-injection analysis 163
Flow system 103
9-Fluorenylmethyl chloroformate-derivatization 779
Fluorescence probe 487
Fluorimetry 435
Fluoroquinolone 501
Formulation 617
Free radical 605
FTIR 725
Furosemide 443
- Gas chromatography 665
Gastric juice 1003
GC–MS determination 929
Gemfibrozil in human plasma 7
Gln117 t-PA 453
Glutathione peroxidase 605
GNNs 241
Grinding 599
GSH–menadione conjugate 131
Gulf war veterans illness 281
- Helicteres angustifolia* 849
Hemodialysis fluids 811
High performance liquid chromatography 563
High-performance liquid chromatography 539
High performance liquid chromatography 43
High-performance liquid chromatography 79, 857

- High performance liquid chromatography 865
High-performance liquid chromatography assay 505
High-performance liquid chromatography (HPLC) 675
HIV 819
HMDE 593
HPLC 179, 531, 819, 837, 949, 1003
HPLC gradient separation 89
HPLC/mass spectrometry 409
HPLC method 321, 769
Human plasma 313, 593, 637
Hydrochlorothiazide 273, 651
Hydrogen peroxide 163
8-Hydroxypraziquantel 791
2-Hydroxy-5-[(4-sulfophenyl)azo]benzoic acid 987
Hypericin 959
- Immunoaffinity sample clean-up 975
Immunoassay 53
Immunochemical detection 975
Immunoliposomes 219
Impurities 651
Impurity profile 339
Incorporation capacity 909
Indapamide 43
Injection solution 753
Insulin 53
In vitro and in vivo studies 509
In vitro metabolism 701
In vivo pharmacokinetics 519
Ionic strength 547
Ion-pairing RP-HPLC 143
Isopropamide iodide 203
Itraconazole 387
- Joint 717
- Ketoprofen enantiomers 717
Kinetic determination 265
Kinetics 313, 547
- Lactose 63
Lamiaceae family 79
LC-MS 367
LC/MS 155
LC/MS/MS 637
LC-MS-MS 367
LC/MS/MS 357
LC-MS-MS 301
LC/MS/MS 967
- LC-MS-MS 753
LC/MS/MS 739
LC/MS/MS system 829
Lead optimisation 427
Lidocaine hydrochlorides 865
Lime 111
Limulus ameocyte lysate 811
Lipid peroxide 605
Liposomal preparations 255
Liposomes 909
Liquid chromatography 15, 651
Liquid chromatography and fluorescence detection 519
Liquid crystals topical DSC TGA 387
Liquid handling 495
Liquid-liquid extraction 739
LOD 629
Lomefloxacin 23
LOQ 629
- Malathion 291
Mass fragmentation 929
Mass spectra 225
Mebendazole 919
Melatonin 929
Metabolism 409, 453
Metabonomics 463
Metamizol 949
Methanol-water 331
Methyl helicterate 849
Micellar electrokinetic chromatography 883
Micellar solubilization 883
Microdialysis 701
Micro LC 975
Modafinil 123
Molecular descriptors 241
Molecular recognition 219
Mometasone furoate 313
Morphine 179
Morphine-6-glucuronide 179
Morphine-3-glucuronide 179
Mouse 573
MS/MS 819
MS/MS detection 321
Multicommutation 103
Multiple linear regression method 73
Multivariate calibration 273
- Naphthalene healing preparations 801
Nasal decongestant 143

- Near-infrared spectroscopy 73
Nefazodone 629
Nifedipine 563
Nilvadipine 585
N-in-One dosing 519
Nitric oxide release 509
Nitroaspirin 509
Nitrosylhemoglobin 509
NMR 791
Non-destructive analytical method 73
Noreclozapine 301
NSAID 717
Nucleosides 967
- Ornidazole 891
O/W/O multiple microemulsion 563
Oxamniquine 675
Oxidative stress 605
- Packed column sub/supercritical fluid chromatography 339
Para-aminohippurate 687
Paracetamol 769, 857
Parallel beam 63
Partition coefficients 883
Pattern recognition 463
PBMC 829
Percutaneous permeation 531
Perfomulation 417
Perfused rat kidney 687
Perindopril 43
Permethrin 291
Petroleum preparations 801
Pharmaceutical analysis 265, 273, 501, 599, 849
Pharmaceutical diffusion 103
Pharmaceutical formulation 593, 1009
Pharmaceutical formulations 539
Pharmaceutical preparations 949
Pharmaceutical products 151
Pharmaceuticals 163, 609
Pharmacokinetics 7, 53
Phase-I metabolites 791
9,10-Phenanthraquinone 435
Phenolic acids 79
Phenomenex C-18 331
Photodegradation 31
Photostability 31
Pipazethate 379
Piperazine 1003
Piroxicam 171, 531
- pK_a determination 427
Plackett–Burman 255
Planar lipid bilayer 219
Plasma 435, 665
Plasma concentration 453
Plasma level monitoring 301
Plasma sample 123
PLS-1 443
Polarography 585
Polycapillary X-ray optics 63
Polydimethylsiloxane membrane 241
Polysaccharides stationary phases 123
Potassium permanganate 265
Powdering 599
Praziquantel 409, 791
Preservatives 143
Principal component analysis 225, 463
Process impurities 919
Prodrug 701
Promazine hydrochloride 1
Propyphenazon 769
Prussian blue film 163
Pseudohypericin 959
Psoriasis Area Severity Index, PASI 801
Psoriasis vulgaris 801
Purity 617
Pyridostigmine bromide 281, 939
Pyridoxin 1009
Pyridoxine 929
- QSAR 241
Quality control 505
Quantitative determination 769
Quinone moiety 131
- Radiofrequency fields 605
Ranitidine 609
Rat 453
Rat blood 509
Rat hepatocytes 409
Ratio derivative spectrophotometry 43
Related compounds 617
Release 909
Reproterol 379
Reversed phase 629
Reversed phase chromatography 579
Reversed-phase chromatography 687, 701
Reversed phase HPLC 211
Reversed-phase HPLC 313
Reversed phase HPLC 291

- Reversed-phase HPLC 171
Reversed phase HPLC 111
Reversed-phase HPLC 891, 959
Reverse-phase chromatography 7, 899
Riboflavin 1009
Rifampicin 331
Robotics 495
Rofecoxib 617
RP-HPLC 573
RP-LC 155, 617
RSD 629
- Salbovent 379
Salbutamol 379
Salt interference 811
Sample processing 495
Sanguine plasma 681
sb-BLM 219
Screening designs 255
Second derivative of the ratio spectra 203
Second derivative spectrophotometry 203
Selected ion monitoring (SIM) 131
Selgon 379
Sequential projection pursuit 225
Sertraline 505
Serum 579, 899
Serum of CAPD patients 189
Silanised silica gel 89
Silymarin 155
Similarity 225
Simultaneous assay 959
Simultaneous determination 15, 43, 301, 443
Simultaneous UV and ECD detection 179
Skin diseases 801
Skin treatment 801
Solid dosage forms 599
Solid-phase extraction 79, 89, 179
Solubility determination 495
Solvent suppression 463
Sonochemistry 995
Sparfloxacin 501
Spectral features 225
Spectrofluorimetry 211
Spectrofluorimetry 477
Spectrophotometric method 443
Spectrophotometry 1, 151, 163, 211
Squarewave voltammetry 873
Stability 255, 367, 417
Stability-indicating assay 891
Stability studies. 563
- Stabilized hyperforin 959
Streptomycin 435
Stress testing 891
Sumatriptan Succinate 367
Sunscreen 31
Superoxide dismutase 605
- Tablet 629
Tablet formulations 15
Tablets 873, 929
Tenoxicam 531
Terfenadine determination 593
Ternary Al-citrate-phosphate complex 189
Tetracycline HCl 417
Thermodynamic quantities 883
Thiamin 1009
Thin layer chromatography 681
Thin-layer chromatography 79, 651
Tiliae flos 111
Tilia species 111
Tissue binding 717
Tolperisone hydrochlorides 865
Total parenteral nutrition 487
Trazodone hydrochloride 211
Tretinoin 909
2',3',5'-Triacetyl-6-azauridine 701
Triamterene 273
Trifluoperazine hydrochloride 203
Triprolidine 265
TTP 829
- Ultrasound 995
Upgma-clustering 225
Urine 463, 585, 873, 899
UV-detection 313
- Validation 53, 111, 563, 857, 959
Viscosity 547
Visible light spectrophotometry 501
Vitamins 1009
Voltammetry 585
- West Nile Virus 291
Whole pattern fitting 63
- X-ray powder diffraction 63
- Yew extracts 89
- Zero-crossing derivative spectrophotometry 43