National Poison Control Centre, Military Medical Academy, Belgrade.

Department of Analytical Toxicology

Accredited analytical methods (03.04.2013)

1. Determination of carbamazepine in serum samples by HPLC-UV method
2. Determination of lamotrigine in serum samples by HPLC-UV method
3. Determination of valproic acid in serum samples by GC-MS method
4. Determination of methadone in urine samples by HPLC-PDA method
5. Determination of methadone in urine samples by LC-MS method
6. Determination of ethanol and methanol in serum, urine and lavate samples by GC-FID method
7. Determination of lorazepam in biological samples by HPLC-PDA method
8. Determination of theophylline in biological samples by HPLC-PDA method
9. Determination of amoxycillin in biological samples by HPLC-PDA method
10. Determination of diazepam and its metabolites temazepam and oxazepam in biological samples by HPLC-PDA method
11. Determination of diclofenac in biological samples by HPLC-PDA method
12. Determination of bromazepam in biological samples by HPLC-PDA method
13. Determination of amytriptiline in biological samples by HPLC-PDA method
14. Determination of carbamazepine in biological samples by HPLC-PDA method
15. Determination of amoxycillin in biological samples by UPLC-MS method
16. Determination of nimesulide in biological samples by HPLC-PDA method
17. Determination of diazepam and its metabolites in biological samples by LC-MS method
18. Determination of lamotrigine in biological samples by HPLC-PDA method
19. Determination of clonazepam in biological samples by HPLC-PDA method
20. Determination of sulpiride in biological samples by HPLC-PDA method
21. Determination of olanzapine in biological samples by HPLC-PDA method
22. Determination of opiates in biological samples by LC-MS method
23. Determination of DNOC in commercial and biological samples by HPLC-PDA method
24. Screening of drugs of abuse in urine by immunochromatographic method

25. Determination of sertraline in biological samples by HPLC-PDA method
26. Determination of maprotiline in biological samples by HPLC-PDA method
27. Determination of mianserin in biological samples by HPLC-PDA method
28. Determination of fluoxetine in biological samples by HPLC-PDA method
29. Semiquantitative analysis of drugs and their metabolites – screening method HPLC-PDA
30. Determination of cholinesterase activity by spectrophotometric method
31. Determination of sulpiride in biological samples by LC-MS method
32. Determination of bromadiolone in commercial and biological samples by HPLC-PDA method
33. Determination of warfarin in biological samples by HPLC-PDA method
34. Determination of copper in biological samples by ICP-OES method
35. Determination of zinc in biological samples by ICP-OES method
36. Determination of olanzapine in biological samples by LC-MS method
37. Determination of sertraline in biological samples by LC-MS method
38. Determination of trihexyphenidyl in biological samples by LC-MS method
39. Determination of atropine in biological samples by LC-MS method
40. Determination of sildenafil in biological samples by LC-MS method
41. Determination of colchicine in biological samples by HPLC-PDA method
42. Determination of colchicine in biological samples by LC-MS method
43. Determination of midazolam in biological samples by LC-MS method
44. Determination of gliclazide in biological samples by LC-MS method
45. Determination of midazolam in biological samples by HPLC-PDA method
46. Determination of gliclazide in biological samples by HPLC-PDA method
47. Determination of clozapine and its metabolite in biological samples by HPLC-PDA method
48. Determination of paroxetine in biological samples by HPLC-PDA method
49. Determination of zolpidem in biological samples by HPLC-PDA method
50. Determination of malathion and malaoxon in biological samples by UPLC-MS method
51. Determination of diazinon in biological samples by UPLC-MS method
52. Determination of dimethoate in biological samples by UPLC-MS method
53. Determination of clavulanic acid in biological samples by HPLC-PDA method
54. Determination of fluphenazine in biological samples by HPLC-PDA method

55. Determination of chlorpromazine in biological samples by HPLC-PDA method
56. Determination of opiates in human hair by LC-MS method
57. Determination of diazepam in human hair by HPLC-PDA method
58. Identification of drugs and drugs of abuse in forensic samples by HPLC-PDA screening method
59. Identification of drugs and drugs of abuse in forensic samples by LC-MS screening method
60. Determination of bisoprolol in biological samples by LC-MS method
61. Determination of paracetamol in biological samples by HPLC-PDA method
62. Determination of paracetamol in biological samples by LC-MS method
63. Determination of tramadol in biological samples by HPLC-PDA method
64. Determination of tramadol in biological samples by LC-MS method
65. Determination of atenolol in biological samples by LC-MS method
66. Determination of risperidone in biological samples by LC-MS method
67. Determination of propranolol in biological samples by LC-MS method
68. Determination of propranolol in biological samples by HPLC-PDA method
69. Determination of enalapril in biological samples by LC-MS method
70. Determination of trazodone in biological samples by HPLC-PDA method
71. Determination of trazodone in biological samples by LC-MS method
72. Determination of bisoprolol in biological samples by HPLC-PDA method
73. Determination of THC-carboxylic acid in biological samples by LC-MS method