

ACCREDITED & VALIDATED BIOANALYTICAL METHOD (ISO 17025:2017)

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
ANTI-ALLERGY & OTOLARYNGOLOGICAL DRUGS				
1	Betamethasone + Loratadine	LC-MS/MS	Plasma	0.1 + 0.1
2	Cetirizine	HPLC-UV	Plasma	10
3	Cetirizine + Pseudoephedrine	HPLC-UV & LC-MS/MS	Plasma	10 + 20
4	Cinnarizine	LC-MS/MS	Plasma	10
5	Descarboethoxy loratadine (Desloratadine)	LC-MS/MS	Plasma	0.1
6	Dextromethorphan + Cetirizine + Pseudoephedrine	HPLC-UV & LC-MS/MS	Plasma	1 + 10 + 20
7	Fexofenadine	HPLC-UV	Plasma	10
8	Levocetirizine	LC-MS/MS	Plasma	5.00
9	Loratadine	LC-MS/MS	Plasma	0.1
10	Loratadine + Dextromethorphan + Pseudoephedrine	LC-MS/MS	Plasma	0.1 + 1 + 20
11	Loratadine + Pseudoephedrine	LC-MS/MS	Plasma	0.1 + 20
12	Pseudoephedrine + Triprolidine	LC-MS/MS	Plasma	20 + 0.2
13	Triprolidine	LC-MS/MS	Plasma	0.2
ANTIBIOTIC, ANTIMALARIA & ANTIFUNGAL				
14	Amoxicillin	LC-MS/MS	Plasma	100
15	Amoxicillin + Clavulanic Acid	LC-MS/MS	Plasma	100 + 10
16	Azithromycin	LC-MS/MS	Plasma	1
17	Cefadroxil	HPLC-UV	Plasma	500
18	Cefdinir	HPLC-UV	Plasma	50
19	Cefixime	HPLC-UV	Plasma	50
20	Cefuroxime	HPLC-UV	Plasma	100
21	Cephalexin	HPLC-UV	Plasma	250
22	Ciprofloxacin	HPLC-UV	Plasma	40
23	Clavulanic Acid	LC-MS/MS	Plasma	10
24	Dihydroartemisinin	LC-MS/MS	Plasma	0.5
25	Dihydroartemisinin + Piperaquine	LC-MS/MS	Plasma	0.5 + 1
26	Doxycycline	HPLC-UV	Plasma	50
27	Ethambutol	LC-MS/MS	Plasma	40
28	Fluconazole	HPLC-UV	Plasma	100
29	Hydroxychloroquine	LC-MS/MS	Plasma	5
30	Isoniazid	LC-MS/MS	Plasma	80
31	Isoniazid + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
32	Itraconazole	LC-MS/MS	Plasma	1
33	Ketoconazole	HPLC-UV	Plasma	100
34	Levofloxacin	HPLC-UV	Plasma	50
35	Minocycline	HPLC-UV	Plasma	50
36	Moxifloxacin	HPLC-UV	Plasma	20
37	Ofloxacin	HPLC-UV	Plasma	100
38	Piperaquine	LC-MS/MS	Plasma	1
39	Pyrazinamide	HPLC-UV	Plasma	500
40	Rifampicin	HPLC-UV	Plasma	80
41	Rifampicin + Isoniazide	LC-MS/MS	Plasma	80 + 80
42	Rifampicin + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
43	Rifampicin + Ethambutol	LC-MS/MS	Plasma	100 + 10
44	Rifampicin + Isoniazide + Ethambutol + Pyrazinamide	LC-MS/MS	Plasma	100 + 100 + 10 + 500
45	25-desacetyl rifampicin (Rifampicin metabolite)	HPLC-UV	Plasma	50

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
ANTIDIABETIC DRUGS				
46	Glibenclamide	LC-MS/MS	Plasma	5
47	Gliclazide	HPLC-UV	Plasma	80
48	Glimepiride	LC-MS/MS	Plasma	2
49	Glipizide	HPLC-UV	Plasma	20
50	Gliquidone	HPLC-UV	Plasma	10
51	Metformin	HPLC-UV	Plasma	10
52	Metformin + Glimepiride	HPLC-UV & LC-MS/MS	Plasma	10 + 2
53	Pioglitazone	HPLC-UV	Plasma	30
54	Repaglinide	LC-MS/MS	Plasma	0.2
55	Sitagliptin	LC-MS/MS	Plasma	10.0
56	Sitagliptin + Metformin	LC-MS/MS & HPLC-UV	Plasma	10 + 10
57	Vildagliptin	LC-MS/MS	Plasma	2
ANTIEMETIC				
58	Domperidone	LC-MS/MS	Plasma	0.2
59	Granisetron	LC-MS/MS	Plasma	0.2
60	Metoclopramide	LC-MS/MS	Plasma	1
ANTIDYSLIPIDEMIA				
61	Atorvastatin	LC-MS/MS	Plasma	0.1
62	Atorvastatin + ortho-hydroxy atorvastatin + para-hydroxy atorvastatin	LC-MS/MS	Plasma	0.1 + 0.1 + 0.05
63	Ezetimibe (unconjugated)	LC-MS/MS	Plasma	0.1
64	Ezetimibe glucuronide (total)	LC-MS/MS	Plasma	3
65	Ezetimibe + Simvastatin	LC-MS/MS	Plasma	0.1 + 0.05
66	Fenofibric acid (Fenofibrate's metabolite)	HPLC-UV	Plasma	100
67	Lovastatin	LC-MS/MS	Plasma	0.08
68	Lovastatin acid (Lovastatin's metabolite)	LC-MS/MS	Plasma	0.2
69	Ortho-hydroxy atorvastatin (Atorvastatin's metabolite)	LC-MS/MS	Plasma	0.1
70	Para-hydroxy atorvastatin (Atorvastatin's metabolite)	LC-MS/MS	Plasma	0.05
71	Pitavastatin	LC-MS/MS	Plasma	1
72	Pravastatin	LC-MS/MS	Plasma	0.40
73	Rosuvastatin	LC-MS/MS	Plasma	0.5
74	Simvastatin	LC-MS/MS	Plasma	0.05
ANTIINFLAMMATORY, ANALGESICS, ANTIPYRETICS & ANTITUSIVE				
75	Acetylsalicylic Acid / Aspirin / Acetosal	HPLC-UV	Plasma	25
76	Acetylsalicylic Acid + Salicylic Acid	HPLC-UV	Plasma	25 + 500
77	Codeine	LC-MS/MS	Plasma	1
78	Diclofenac	HPLC-UV	Plasma	20
79	Diosmetin	LC-MS/MS	Plasma	0.20
80	Celecoxib	HPLC-UV	Plasma	10
81	Etoricoxib	HPLC-UV	Plasma	5
82	Ibuprofen	HPLC-UV	Plasma	200
83	Ketoprofen	HPLC-UV	Plasma	50
84	Meloxicam	HPLC-UV	Plasma	30
85	Mesalazine	LC-MS/MS	Plasma	5
86	Naproxen	HPLC-UV	Plasma	500
87	Rhein (Diacerein's metabolite)	HPLC-UV	Plasma	200
ANTINEOPLASTIC AGENT				
88	Gefitinib	LC-MS/MS	Plasma	1.00

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
ANTIOSTEOPOROSIS				
89	Alendronat	HPLC-FL	Urine	5
90	Risedronate	HPLC-UV	Urine	10
ANTIVIRAL				
91	Acyclovir	LC-MS/MS	Plasma	20
92	Efavirenz	HPLC-UV	Plasma	100
93	Entecavir	LC-MS/MS	Plasma	0.20
94	Lamivudine	HPLC-UV	Plasma	25
95	Lamivudine + Zidovudine	HPLC-UV	Plasma	25 + 20
96	Oseltamivir Acid	LC-MS/MS	Plasma	10
97	Stavudine	HPLC-UV	Plasma	30
98	Tenofovir	LC-MS/MS	Plasma	5
99	Valacyclovir	LC-MS/MS	Plasma	4
100	Zidovudine	HPLC-UV	Plasma	20
ANTIVERTIGO				
101	2-pyridil acetic acid (Betahistine's metabolite)	LC-MS/MS	Plasma	10
102	Flunarizine	LC-MS/MS	Plasma	1
ANTIHYPERTENSION				
103	Amlodipine	LC-MS/MS	Plasma	0.05
104	Amlodipine + Candesartan	LC-MS/MS	Plasma	0.05 + 0.5
105	Amlodipine + Valsartan	LC-MS/MS & HPLC-FL	Plasma	0.05 + 50
106	Atenolol	LC-MS/MS	Plasma	5
107	Bisoprolol	LC-MS/MS	Plasma	0.4
108	Candesartan	LC-MS/MS	Plasma	0.5
109	Canrenone (Spironolactone's metabolite)	HPLC-UV	Plasma	2.5
110	Carvedilol	HPLC-FL	Plasma	5
111	Captopril	HPLC-UV	Plasma	10
112	Captopril + Hydrochlorothiazide	HPLC-UV	Plasma	10 + 10
113	Diltiazem	HPLC-UV	Plasma	5
114	Dipyridamole	HPLC-UV	Plasma	10
115	Felodipine	LC-MS/MS	Plasma	0.2
116	Hydrochlorothiazide	HPLC-UV	Plasma	10
117	Indapamide	LC-MS/MS	Plasma	0.5
118	Irbesartan	HPLC-FL	Plasma	25
119	Lercanidipine	LC-MS/MS	Plasma	0.05
120	Lisinopril	LC-MS/MS	Plasma	1
121	Losartan	LC-MS/MS	Plasma	5.0
122	Losartan carboxylic acid (Losartan's metabolite)	LC-MS/MS	Plasma	5.0
123	Losartan + Losartan Carboxylic Acid	LC-MS/MS	Plasma	5 + 5
124	Metoprolol	HPLC-FL	Plasma	5
125	Nebivolol	LC-MS/MS	Plasma	0.03
126	Nifedipine	LC-MS/MS	Plasma	1
127	Perindopril	LC-MS/MS	Plasma	0.5
128	Perindoprilat (Perindopril's metabolite)	LC-MS/MS	Plasma	0.5
129	Perindopril + Perindoprilat	LC-MS/MS	Plasma	0.5 + 0.5
130	Ramipril	LC-MS/MS	Plasma	0.3
131	Ramiprilat (Ramipril's metabolite)	LC-MS/MS	Plasma	0.5
132	Ramipril + Ramiprilat	LC-MS/MS	Plasma	0.3 + 0.5
133	Salicylic acid	HPLC-UV	Plasma	500
134	Spironolactone	LC-MS/MS	Plasma	2.5
135	Telmisartan	LC-MS/MS	Plasma	4
136	Valsartan	HPLC-FL	Plasma	50
CORTICOSTEROID, HORMONES & CONTRACEPTIVES				
137	17-β-Estradiol	LC-MS/MS	Plasma	0.01

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
138	Betamethasone	LC-MS/MS	Plasma	0.10
139	Budesonide	LC-MS/MS	Plasma	0.01
140	Cyproterone Acetate	LC-MS/MS	Plasma	0.50
141	Cyproterone Acetate + Ethinylestradiol	LC-MS/MS	Plasma	0.5 + 0.007
142	Drospirenone	LC-MS/MS	Plasma	2.50
143	Drospirenone + Ethinylestradiol	LC-MS/MS	Plasma	2.5 + 0.007
144	Ethinylestradiol	LC-MS/MS	Plasma	0.01
145	Etonogestrel / 3-ketodesogestrel	LC-MS/MS	Plasma	0.10
146	Levonorgestrel	LC-MS/MS	Plasma	0.05
147	Levonorgestrel + Ethinylestradiol	LC-MS/MS	Plasma	0.05 + 0.007
148	Levothyroxine	LC-MS/MS	Plasma	5.00
149	Medroxyprogesterone acetate	LC-MS/MS	Plasma	0.05
150	Melatonin	LC-MS/MS	Plasma	0.005
151	Methylprednisolone	LC-MS/MS	Plasma	1.00
152	Norethisterone	LC-MS/MS	Plasma	1.00
153	Progesterone	LC-MS/MS	Plasma	0.20
DRUG ACTING ON CENTRAL NERVOUS SYSTEM				
154	Alprazolam	LC-MS/MS	Plasma	0.4
155	Aripiprazole	LC-MS/MS	Plasma	2
156	Clozapine	LC-MS/MS	Plasma	1
157	Donepezil	LC-MS/MS	Plasma	0.1
158	Gabapentin	LC-MS/MS	Plasma	50
159	Galantamine	LC-MS/MS	Plasma	0.4
160	Levetiracetam	HPLC-UV	Plasma	500
161	Memantine	LC-MS/MS	Plasma	1
162	Olanzapine	LC-MS/MS	Plasma	0.2
163	Pramipexole	LC-MS/MS	Plasma	0.02
164	Pregabalin	LC-MS/MS	Plasma	10
165	Risperidone	LC-MS/MS	Plasma	0.1
166	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	Plasma	200
167	Zolpidem	LC-MS/MS	Plasma	5
DRUG ACTING ON GASTROINTESTINAL SYSTEM				
168	Docusate	LC-MS/MS	Plasma	0.10
169	Esomeprazole	LC-MS/MS	Plasma	50
170	Famotidine	LC-MS/MS	Plasma	1
171	Lansoprazole	HPLC-UV	Plasma	20
172	Omeprazole	LC-MS/MS	Plasma	2
173	Pantoprazole	LC-MS/MS	Plasma	150
174	Rebamipide	HPLC-UV	Plasma	5
DRUG ACTING ON RESPIRATORY SYSTEM				
175	Dextromethorphan	LC-MS/MS	Plasma	1
176	Erdosteine	LC-MS/MS	Plasma	25
177	Montelukast	HPLC-FL	Plasma	10
178	Pseudoephedrine	LC-MS/MS	Plasma	20
179	Roflumilast	LC-MS/MS	Plasma	0.1
180	Theophylline	HPLC-UV	Plasma	200
DRUG FOR BLADDER & PROSTATE DISORDERS				
181	Tamsulosin	LC-MS/MS	Plasma	0.2
182	Terazosin	LC-MS/MS	Plasma	1
183	Ursodiol	LC-MS/MS	Plasma	25.00
ANTICOAGULANT & ANTIPLATELET				
184	Apixaban	LC-MS/MS	Plasma	1
185	Cilostazol	LC-MS/MS	Plasma	15
186	Clopidogrel	LC-MS/MS	Plasma	0.005
187	Clopidogrel + metabolites	LC-MS/MS	Plasma	0.005 + 5
188	Deferiprone	HPLC-UV	Plasma	250

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
189	Ticagrelor	LC-MS/MS	Plasma	10
190	Warfarin	LC-MS/MS	Plasma	5
DRUG FOR ERECTILE DISFUNCTION				
191	Piperazine-N-desmethylsildenafil (Sildenafil's metabolite)	LC-MS/MS	Plasma	4
192	Sildenafil	LC-MS/MS	Plasma	10
193	Sildenafil + metabolites	LC-MS/MS	Plasma	4 + 10
194	Tadalafil	LC-MS/MS	Plasma	5
DRUG FOR PARKINSON'S DISEASE				
195	Carbidopa	LC-MS/MS	Plasma	5
196	Entacapone	LC-MS/MS	Plasma	50
197	Levodopa	LC-MS/MS	Plasma	50
198	Levodopa + Carbidopa + Entacapone	LC-MS/MS	Plasma	5 + 50 + 50
DRUG FOR RHEUMATOID ARTHRITIS				
199	Febuxostat	LC-MS/MS	Plasma	100
IMMUNOSUPPRESSANT				
200	Mycophenolic Acid	LC-MS/MS	Plasma	10

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IDENTIFIED & UNDER DEVELOPMENT BIOANALYTICAL METHOD

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
1	Isosorbide-5-mononitrate	LC-MS/MS	Plasma	5.00

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