

ACCREDITED & VALIDATED BIOANALYTICAL METHOD (ISO 17025:2017)

No	Compound	Method	LLOQ (ng/mL)
ANTI ALLERGY			
1	Cetirizine	HPLC-UV	10
2	Cinnarizine	LC-MS/MS	1.0
3	Fexofenadine	HPLC-UV	10
4	Loratadine	LC-MS/MS	0.03
5	Descarboethoxy loratadine (Desloratadine)	LC-MS/MS	0.1
6	Triprolidine	LC-MS/MS	0.2
ANTIBIOTIC, ANTIMALARIA, & ANTIFUNGAL			
7	Amoxicillin	LC-MS/MS	100
8	Azithromycin	LC-MS/MS	1
9	Cefadroxil	HPLC-UV	90
10	Cefdinir	HPLC-UV	50
11	Cefixime	HPLC-UV	50
12	Cefuroxime	HPLC-UV	100
13	Cephalexin	HPLC-UV	900
14	Ciprofloxacin	HPLC-UV	40
15	Clavulanic Acid	LC-MS/MS	20
16	Dihydro arthemisinin	LC-MS/MS	0.5
17	Doxycycline	HPLC-UV	100
18	Ethambutol	LC-MS/MS	40
19	Fluconazole	HPLC-UV	50
20	Isoniazid	LC-MS/MS	100
21	Itraconazole	LC-MS/MS	1
22	Ketoconazole	HPLC-UV	100
23	Levofloxacin	HPLC-UV	50
24	Minocycline	HPLC-UV	50
25	Moxifloxacin	HPLC-UV	20
26	Ofloxacin	HPLC-UV	100
27	Piperaquine	LC-MS/MS	1
28	Pyrazinamide	HPLC-UV	500
29	Rifampicin (parent compound)	HPLC-UV	80
30	25-desacetyl rifampicin (metabolite)	HPLC-UV	50
ANTIDIABETIC ORAL			
31	Glibenclamide	LC-MS/MS	10
32	Gliclazide	HPLC-UV	80
33	Glimepiride	LC-MS/MS	2
34	Glipizide	HPLC-UV	20
35	Gliquidone	HPLC-UV	10
36	Metformin	HPLC-UV	10
37	Pioglitazone	HPLC-UV	30
38	Repaglinide	LC-MS/MS	0.2
39	Vildagliptin	LC-MS/MS	2
ANTIEMETIC			
40	Domperidone	LC-MS/MS	0.2
41	Granisetron	LC-MS/MS	0.2
42	Metoclopramide	LC-MS/MS	1
ANTIHYPERLIPIDEMIC			
43	Atorvastatin (parent compound)	LC-MS/MS	0.1
44	ortho-hydroxy atorvastatin (metabolite 1)	LC-MS/MS	0.1
45	para-hydroxy atorvastatin (metabolite 2)	LC-MS/MS	0.05

No	Compound	Method	LLOQ (ng/mL)
46	Ezetimibe (unconjugated)	LC-MS/MS	0.1
47	Ezetimibe glucuronide (total)	LC-MS/MS	3
48	Fenofibric acid (Fenofibrate's metabolite)	HPLC-UV	100
49	Lovastatin	LC-MS/MS	0.08
50	Lovastatin acid (Lovastatin's metabolite)	LC-MS/MS	0.2
51	Pitavastatin	LC-MS/MS	1
52	Rosuvastatin	LC-MS/MS	0.5
53	Simvastatin	LC-MS/MS	0.05
ANTIINFLAMMATORY, ANALGESICS, ANTIPYRETICS & ANTITUSIVE			
54	Acetylsalicylic Acid	HPLC-UV	25
55	Diclofenac	HPLC-UV	20
56	Celecoxib	HPLC-UV	10
57	Etoricoxib	HPLC-UV	5
58	Ibuprofen	HPLC-UV	200
59	Ketoprofen	HPLC-UV	50
60	Mesalazine	LC-MS/MS	5
61	Naproxen	HPLC-UV	500
62	Rhein (Diacerein's metabolite)	HPLC-UV	200
63	Tinoridin	LC-MS/MS	0.20
ANTIOSTEOPOROSIS			
64	Alendronat (in urine)	HPLC-FL	5
65	Risedronate (in urine)	HPLC-UV	10
ANTIVIRAL			
66	Acyclovir	LC-MS/MS	20
67	Efavirenz	HPLC-UV	100
68	Lamivudine	HPLC-UV	25
69	Oseltamivir Acid	LC-MS/MS	10
70	Oseltamivir Phosphate	LC-MS/MS	1
71	Stavudine	HPLC-UV	30
72	Tenofovir	LC-MS/MS	5
73	Valacyclovir	LC-MS/MS	4
74	Zidovudine	HPLC-UV	20
ANTIVERTIGO			
75	2-pyridil acetic acid (Betahistine's metabolite)	LC-MS/MS	10
76	Flunarizine	LC-MS/MS	1
CARDIOVASCULAR & DIURETIC DRUGS			
77	Amlodipine	LC-MS/MS	0.05
78	Atenolol	LC-MS/MS	5
79	Bisoprolol	LC-MS/MS	0.4
80	Candesartan	LC-MS/MS	0.5
81	Canrenone (Spironolactone's metabolite)	HPLC-UV	2.5
82	Carvedilol	HPLC-FL	5
83	Captopril	HPLC-UV	10
84	Diltiazem	HPLC-UV	5
85	Dipyridamole	HPLC-UV	10
86	Felodipine	LC-MS/MS	0.2
87	Hydrochlorothiazide	HPLC-UV	10
88	Irbesartan	HPLC-FL	25
89	Lercanidipine	LC-MS/MS	0.05
90	Lisinopril	LC-MS/MS	1
91	Losartan (parent compound)	LC-MS/MS	5
92	Losartan carboxylic acid (metabolite)	LC-MS/MS	5.0
93	Metoprolol	HPLC-FL	5
94	Nebivolol	LC-MS/MS	0.03
95	Nifedipine	LC-MS/MS	1
96	Perindopril (parent compound)	LC-MS/MS	0.5

No	Compound	Method	LLOQ (ng/mL)
97	Perindoprilat (metabolite)	LC-MS/MS	0.5
98	Ramipril (parent compound)	LC-MS/MS	0.3
99	Ramiprilate (metabolite)	LC-MS/MS	0.5
100	Salicylic acid	HPLC-UV	500
101	Spironolactone (parent compound)	HPLC-UV	4
102	Telmisartan	LC-MS/MS	4
103	Valsartan	HPLC-FL	50
CORTICOSTEROID, HORMONES & CONTRACEPTIVES			
104	17-β-Estradiol	LC-MS/MS	0.01
105	Cyproterone Acetate	LC-MS/MS	0.5
106	Drospirenone	LC-MS/MS	2
107	Ethinyl estradiol	LC-MS/MS	0.007
108	Etonogestrel / 3-ketodesogestrel	LC-MS/MS	0.1
109	Levonorgestrel	LC-MS/MS	0.05
110	Levothyroxine	LC-MS/MS	5.0
111	Medroxyprogesterone acetate	LC-MS/MS	0.05
112	Methylprednisolone	LC-MS/MS	1
113	Norethisterone	TQSM	1.0
DRUG ACTING ON CENTRAL NERVOUS SYSTEM			
114	Alprazolam	LC-MS/MS	0.4
115	Aripiprazole	LC-MS/MS	2
116	Clozapine	LC-MS/MS	1
117	Donepezil	LC-MS/MS	0.1
118	Gabapentin	LC-MS/MS	50
119	Galantamine	LC-MS/MS	0.4
120	Levetiracetam	HPLC-UV	500
121	Memantine	LC-MS/MS	1
122	Olanzapine	LC-MS/MS	0.2
123	Pramipexole	LC-MS/MS	0.02
124	Pregabalin	LC-MS/MS	10
125	Risperidone	LC-MS/MS	0.1
126	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	200
127	Zolpidem	LC-MS/MS	5
DRUG ACTING ON GASTROINTESTINAL SYSTEM			
128	Esomeprazole	LC-MS/MS	5
129	Famotidine	LC-MS/MS	1
130	Lansoprazole	HPLC-UV	20
131	Omeprazole	LC-MS/MS	2
132	Pantoprazole	LC-MS/MS	150
133	Rebamipide	HPLC-UV	5
DRUG ACTING ON RESPIRATORY SYSTEM			
134	Dextromethorphan	LC-MS/MS	1
135	Erdosteine	LC-MS/MS	25
136	Erdosteine M1 (metabolite)	LC-MS/MS	10
137	Pseudoephedrine	LC-MS/MS	0.01
138	Roflumilast	LC-MS/MS	0.1
139	Theophylline	HPLC-UV	200
DRUG FOR BLADDER & PROSTATE DISORDERS			
140	Terazosin	LC-MS/MS	1
DRUG FOR BLOOD DISORDER			
141	Cilostazol	LC-MS/MS	15
142	Clopidogrel (parent compound)	LC-MS/MS	0.02
143	Clopidogrel carboxylic acid (metabolite)	LC-MS/MS	22
144	Deferiprone	HPLC-UV	250
145	Ticagrelor	LC-MS/MS	10
146	Warfarin	LC-MS/MS	5

No	Compound	Method	LLOQ (ng/mL)
DRUG FOR ERECTILE DYSFUNCTION			
147	Piperazine-N-desmethylsildenafil (met)	LC-MS/MS	4
148	Sildenafil	LC-MS/MS	4
149	Tadalafil	LC-MS/MS	5
DRUG FOR PARKINSON'S DISEASE			
150	Carbidopa	LC-MS/MS	5
151	Entacapone	LC-MS/MS	50
152	Levodopa	LC-MS/MS	50
DRUG FOR RHEUMATOID ARTHRITIS			
153	Febuxostat	LC-MS/MS	100
IMMUNOSUPPRESSANT			
154	Mycophenolic Acid	LC-MS/MS	10

January, 2019

IDENTIFIED & UNDER DEVELOPMENT BIOANALYTICAL METHOD

No	Compound	Method	LLOQ (ng/mL)
1	Hydroxychloroquine	Xevo	1
2	Isosorbide-5-mononitrate	LC-MS/MS	5
3	Levocetirizine	HPLC-UV	15
4	N-didesmethyl sibutramine (Sibutramine's metabolite)	LC-MS/MS	0.2
5	Sibutramine	LC-MS/MS	0.2
6	Sitagliptin	LC-MS/MS	10.0

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