

ACCREDITED & VALIDATED BIOANALYTICAL METHOD (ISO 17025:2005)

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

No	Compound	Method	LLOQ (ng/mL)
ANTIHYPERTENSIVE			
42	Atorvastatin (parent compound)	LC-MS/MS	0.1
43	ortho-hydroxy atorvastatin (metabolite 1)	LC-MS/MS	0.1
44	para-hydroxy atorvastatin (metabolite 2)	LC-MS/MS	0.05
45	Ezetimibe (unconjugated)	LC-MS/MS	0.1
46	Ezetimibe glucuronide (total)	LC-MS/MS	3
47	Fenofibric acid (Fenofibrate's metabolite)	HPLC-UV	100
48	Lovastatin	LC-MS/MS	0.08
49	Lovastatin acid (Lovastatin's metabolite)	LC-MS/MS	0.2
50	Pitavastatin	LC-MS/MS	1
51	Rosuvastatin	LC-MS/MS	0.5
52	Simvastatin	LC-MS/MS	0.05
ANTIINFLAMMATORY, ANALGESICS, ANTIPYRETICS & ANTITUSIVE			
53	Acetylsalicylic Acid	HPLC-UV	25
54	Diclofenac	HPLC-UV	20
55	Etoricoxib	HPLC-UV	5
56	Ketoprofen	HPLC-UV	50
57	Mesalazine	LC-MS/MS	5
58	Naproxen	HPLC-UV	500
59	Rhein (Diacerein's metabolite)	HPLC-UV	200
ANTIOSTEOPOROSIS			
60	Alendronat (in urine)	HPLC-FL	5
61	Risedronate (in urine)	HPLC-UV	10
ANTIVIRAL			
62	Acyclovir	LC-MS/MS	20
63	Efavirenz	HPLC-UV	100
64	Lamivudine	HPLC-UV	25
65	Oseltamivir Acid	LC-MS/MS	10
66	Oseltamivir Phosphate	LC-MS/MS	1
67	Stavudine	HPLC-UV	30
68	Tenofovir	LC-MS/MS	5
69	Zidovudine	HPLC-UV	20
ANTIVERTIGO			
70	2-pyridil acetic acid (Betahistine's metabolite)	LC-MS/MS	10
71	Flunarizine	LC-MS/MS	1
CARDIOVASCULAR & DIURETIC DRUGS			
72	Amlodipine	LC-MS/MS	0.05
73	Atenolol	LC-MS/MS	5
74	Bisoprolol	LC-MS/MS	0.4
75	Candesartan	LC-MS/MS	0.5
76	Carvedilol	HPLC-FL	5
77	Captopril	HPLC-UV	10
78	Diltiazem	HPLC-UV	5
79	Dipyridamole	HPLC-UV	10
80	Felodipine	LC-MS/MS	0.2
81	Hydrochlorothiazide	HPLC-UV	10
82	Irbesartan	HPLC-FL	25
83	Lercanidipine	LC-MS/MS	0.05

No	Compound	Method	LLOQ (ng/mL)
84	Lisinopril	LC-MS/MS	1
85	Losartan (parent compound)	HPLC-FL	10
86	Losartan carboxylic acid (metabolite)	HPLC-FL	2.5
87	Metoprolol	HPLC-FL	5
88	Nebivolol	LC-MS/MS	0.03
89	Nifedipine	LC-MS/MS	1
90	Perindopril (parent compound)	LC-MS/MS	0.5
91	Perindoprilat (metabolite)	LC-MS/MS	0.5
92	Ramipril (parent compound)	LC-MS/MS	0.3
93	Ramiprilate (metabolite)	LC-MS/MS	0.5
94	Salicylic acid	HPLC-UV	500
95	Spirolactone (parent compound)	HPLC-UV	4
96	Telmisartan	LC-MS/MS	4
97	Canrenone (Spirolactone's metabolite)	HPLC-UV	2.5
98	Valsartan	HPLC-FL	50
CORTICOSTEROID, HORMONES & CONTRACEPTIVES			
99	Cyproterone Acetate	LC-MS/MS	0.5
100	17- β -Estradiol	LC-MS/MS	0.01
101	Ethinyl estradiol	LC-MS/MS	0.007
102	Etonogestrel / 3-ketodesogestrel	LC-MS/MS	0.1
103	Levonorgestrel	LC-MS/MS	0.05
104	Medroxyprogesterone acetate	LC-MS/MS	0.05
105	Methylprednisolone	LC-MS/MS	1
106	Drospirenone	LC-MS/MS	2
DRUG ACTING ON CENTRAL NERVOUS SYSTEM			
107	Alprazolam	LC-MS/MS	0.4
108	Aripiprazole	LC-MS/MS	2
109	Clozapine	LC-MS/MS	1
110	Donepezil	LC-MS/MS	0.1
111	Gabapentin	LC-MS/MS	50
112	Galantamine	LC-MS/MS	0.4
113	Levetiracetam	HPLC-UV	500
114	Memantine	LC-MS/MS	1
115	Olanzapine	LC-MS/MS	0.2
116	Pramipexole	LC-MS/MS	0.02
117	Pregabalin	LC-MS/MS	10
118	Risperidone	LC-MS/MS	0.1
119	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	200
120	Zolpidem	LC-MS/MS	5
DRUG ACTING ON GASTROINTESTINAL SYSTEM			
121	Esomeprazole	LC-MS/MS	5
122	Famotidine	LC-MS/MS	1
123	Lansoprazole	HPLC-UV	20
124	Mesalazine	LC-MS/MS	5
125	Omeprazole	LC-MS/MS	2
126	Pantoprazole	LC-MS/MS	150
127	Rebamipide	HPLC-UV	5

No	Compound	Method	LLOQ (ng/mL)
DRUG ACTING ON RESPIRATORY SYSTEM			
128	Dextromethorphan	LC-MS/MS	1
129	Erdosteine	LC-MS/MS	25
130	Erdosteine M1 (metabolite)	LC-MS/MS	10
131	Pseudoephedrine	LC-MS/MS	0.01
132	Roflumilast	LC-MS/MS	0.1
133	Theophylline	HPLC-UV	200
DRUG FOR BLADDER & PROSTATE DISORDERS			
134	Terazosin	LC-MS/MS	1
DRUG FOR BLOOD DISORDER			
135	Cilostazol	LC-MS/MS	15
136	Clopidogrel (parent compound)	LC-MS/MS	0.02
137	Clopidogrel carboxylic acid (metabolite)	LC-MS/MS	22.00
138	Deferiprone	HPLC-UV	250
139	Warfarin	LC-MS/MS	5
DRUG FOR ERECTILE DYSFUNCTION			
140	Sildenafil	LC-MS/MS	4
141	Piperazine-N-desmethylsildenafil (met)	LC-MS/MS	4
DRUG FOR PARKINSON'S DISEASE			
142	Carbidopa	LC-MS/MS	5
143	Entacapone	LC-MS/MS	50
144	Levodopa	LC-MS/MS	50
DRUG FOR RHEUMATOID ARTHRITIS			
145	Febuxostat	LC-MS/MS	100
IMMUNOSUPPRESSANT			
146	Mycophenolic Acid	LC-MS/MS	10

August, 2018

IDENTIFIED & UNDER DEVELOPMENT BIOANALYTICAL METHOD

No	Compound	Method	LLOQ (ng/mL)
1	Hydroxychloroquine	Xevo	1
2	Ibuprofen	HPLC-UV	200
3	Isosorbide-5-mononitrate	LC-MS/MS	5
4	Levocetirizine	HPLC-UV	15
5	N-didesmethyl sibutramine (Sibutramine's metabolite)	LC-MS/MS	0.2
6	Sibutramine	LC-MS/MS	0.2
7	Ticagrelor	HPLC-UV	10

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