

LIST OF VALIDATED METHODS

S. No	Analyte	Method	Calibration Range
1	Allopurinol	HPLC	0.3000µg/mL –15.000µg/mL
2	Alprazolam	LC-MS/MS	0.3000 ng/mL – 100.0000 ng/mL
3	Amoxicillin	HPLC	0.2000 µg/mL – 20.000 µg/mL
4	Aspirin	LC-MS/MS	50.00ng/ml – 2000.00ng/ml
5	Atenolol	HPLC	20.00 ng/mL – 2000.00 ng/mL
6	Atenolol	LC-MS/MS	10.000ng/mL-600.000ng/mL
7	Atorvastatin	LC/MS/MS	0.5000 ng/mL – 200.0000 ng/mL
8	2-hydroxy atorvastatin	LC/MS/MS	0.5000 ng/mL – 200.0000 ng/mL
9	4-hydroxy atorvastatin	LC/MS/MS	0.5000 ng/mL – 200.0000 ng/mL
10	Azithromycin	LC-MS/MS	1.000 ng/mL – 1000.000 ng/mL
11	Baclofen	LC-MS/MS	20.000ng/mL-900.000ng/mL
12	Benazepril	LC-MS/MS	3.000 ng/mL – 600.000 ng/mL
13	Benazeprilat	LC-MS/MS	12.00 ng/mL – 1200.00 ng/mL
14	Bendroflumethiazide	HPLC	0.4000 ng/mL – 80.0000 ng/mL
15	Bisoprolol	LC-MS/MS	1.000ng/mL- 500.000ng/mL
16	Bulaquine	LC-MS/MS	1.000 ng/mL – 400.000 ng/mL
17	Candesartan	LC-MS/MS	5.000 ng/mL – 600.000 ng/mL
18	Carbamazepine	HPLC	0.1000 µg/mL – 10.0000 µg/mL
19	Carbamazepine	LC-MS/MS	50.000 µg/mL – 6000.0000 µg/mL
20	Cefpodoxime acid	HPLC	0.1000 µg/mL – 10.0000 µg/mL
21	Ceftriaxone	HPLC	200.0 ng/mL – 50000.0 ng/mL
22	Cefuroxime	HPLC	0.1500 µg/mL – 20.0000 µg/mL
23	Celecoxib	LC-MS/MS	10.00 ng/ mL – 2000.00 ng/mL
24	Cephalexin	HPLC	0.4000 µg/mL – 40.0000 µg/mL
25	Cetirizine	LC-MS/MS	5.000 ng/mL – 800.0000 ng/mL
26	Ciprofloxacin	HPLC	30.00 ng/mL – 6000.00 ng/mL
27	Citalopram hydrobromide	LC-MS/MS	1.000 ng/mL – 500.000 ng/mL
28	Clarithromycin	LC-MS/MS	25.00ng/ml-5000.00ng/ml
29	Clavulanic acid	HPLC	0.1000 µg/mL – 10.0000 µg/mL
30	Cyclosporine	LC-MS/MS	5.000 ng/mL – 2000.000 ng/mL
31	Descarboxyethoxyloratadine	LC-MS/MS	0.2000 ng/mL – 25.0000 ng/mL
32	Desloratidine	LC-MS/MS	0.100 ng/mL – 10.000 ng/mL
33	Desmethylsildenafil	LC-MS/MS	10.000ng/mL-5000.000ng/mL
34	Desmethylcitalopram	LC-MS/MS	1.000 ng/mL – 500.000 ng/mL
35	Diazepam	HPLC	5.000 ng/mL – 1000.000 ng/mL
36	Diclofenac	HPLC	50.00 ng/mL – 3500.00 ng/mL
37	Dipyridamole	LC-MS/MS	20.5000ng/mL-3000.000ng/mL
38	Donepezil	LC-MS/MS	0.09 ng/mL – 24.00 ng/mL
39	Efavirenz	LC-MS/MS	40.00 ng/mL – 6000.00 ng/mL
40	Emtricitabine	LC-MS/MS	25.00 ng/mL – 6000.00 ng/mL
41	Fenofibric acid	LC-MS/MS	100.0 ng/mL – 20000 ng/mL
42	Fexofenadine	HPLC	20.00 ng/mL – 2000.00 ng/mL

S. No	Analyte	Method	Calibration Range
43	Finasteride	LC-MS/MS	0.5000 ng/mL – 200.0000 ng/mL
44	Flucloxacillin	HPLC	0.2000 µg/mL – 50.0000 µg/mL
45	Fluconazole	HPLC	0.1500µg/mL –6.000µg/mL
46	Fluoxetine	LC-MS/MS	0.5000ng/mL-50.0000ng/mL
47	Furosemide	HPLC	20.00 ng/mL – 4000.00 ng/mL
48	Furosemide	HPLC	0.1000 ng/mL – 8.0000 ng/mL
49	Gemcitabine	LC-MS/MS	10.00 ng/mL – 2000 ng/mL
50	Gemfibrozil	HPLC	1.000µg/mL-60.000µg/mL
51	Glibenclamide	HPLC	10.00 ng/mL – 1000.00 ng/mL
52	Gliclazide	HPLC	0.1000µg/mL-5.000µg/mL
53	Glimepiride	HPLC	10.00 ng/mL – 1000.000 ng/mL
54	Hydrochlorothiazide	LC-MS/MS	1.000 ng/mL –500.000 ng/mL
55	Hydrochlorothiazide	HPLC	4.000 ng/mL – 500.000 ng/mL
56	Ibuprofen	HPLC	0.1000µg/mL-50.000µg/mL
57	Indapamide	LC-MS/MS	0.5000ng/mL-80.000ng/mL
58	Indomethacin	LC-MS/MS	100.0 ng/mL to 4000.0 ng/mL
59	Lacidipine	LC-MS/MS	0.0500ng/mL – 12.0000ng/mL
60	Lamivudine	LC-MS/MS	15.00 ng/mL – 3000 ng/mL
61	Lamotrigine	HPLC	0.0500 µg/mL – 6.0000 µg/mL
62	Lansoprazole	LC-MS/MS	10.000 ng/mL – 3000.000 ng/mL
63	Levonorgesterol	LC-MS/MS	0.5000ng/mL-25.0000ng/mL
64	Lisinopril	LC-MS/MS	2.000 ng/mL – 300.000 ng/mL
65	Lopinavir	LC-MS/MS	50.00 ng/mL to 10000 ng/mL
66	Loratadine	LC-MS/MS	0.2000 ng/mL – 25.0000 ng/mL
67	Lornoxicam	LC-MS/MS	5.00 ng/mL – 1500 ng/mL
68	Losartan	LC-MS/MS	1.000 ng/mL – 1200.000 ng/mL
69	Losartan	LC-MS/MS	5.00 ng/mL – 1500 ng/mL
70	Losartan carboxylic acid	LC-MS/MS	1.000 ng/mL – 1500.000 ng/mL
71	Losartan carboxylic acid	LC-MS/MS	5.00 ng/mL – 1500 ng/mL
72	Mefanamic acid	LC/MS/MS	50.00 ng/mL – 7000.00 ng/mL
73	Meloxicam	HPLC	50.00 ng/mL – 3000.00 ng/mL
74	Metformin	HPLC	25.00 ng/mL – 3000.00 ng/mL
75	Metformin	LC-MS/MS	10.00 ng/mL – 3000 ng/mL
76	Metoclopramide	LC-MS/MS	2.000ng/mL-180.000ng/mL
77	Montelukast	LC/MS/MS	5.000 ng/mL – 600.000 ng/mL
78	Mycophenolic acid	HPLC	0.3000 µg/mL – 40.0000 µg/mL
79	Naproxen	LC-MS/MS	1.000µg/mL –81.000µg/mL
80	Nevirapine	LC-MS/MS	25.00 ng/mL – 5000 ng/mL
81	Niacin	LC-MS/MS	0.0200 µg/mL – 10.00 µg/mL
82	Niacin	LC-MS/MS	30.00 ng/mL – 25000 ng/mL
83	Nicotinamide	LC-MS/MS	15.00 ng/mL – 3000 ng/mL
84	Nicotinuric acid	LC-MS/MS	0.0200 µg/mL – 10.00 µg/mL
85	Nicotinuric acid	LC-MS/MS	15.00 ng/mL – 3000 ng/mL
86	N-methyl-2-pyridone-5-carboxamide (2PY)	LC-MS/MS	50.00 ng/mL – 5000 ng/mL

S. No	Analyte	Method	Calibration Range
87	O-Desmethyl donepezil	LC-MS/MS	0.03 ng/mL – 8.00 ng/mL
88	O-Desmethyl venlafaxine	HPLC	3.000 ng/mL – 700.000 ng/mL
89	o-Desmethyl venlafaxine	LC-MS/MS	5.000 ng/mL – 500.00 ng/mL
90	Olanzapine	LC-MS/MS	0.1000 ng/mL – 80.0000 ng/mL
91	Omeprazole	HPLC	15.00 ng/mL – 2000.00 ng/mL
92	Omeprazole	LC-MS/MS	5.000ng/mL –5000.000ng/mL
93	Omeprazole	LC-MS/MS	5.000ng/mL –2500.000ng/mL
94	Ondansetron	LC-MS/MS	0.20 ng/mL – 100 ng/mL
95	Pantoprazole	LC/MS/MS	25.000 ng/mL – 5000.000 ng/mL
96	Penciclovir	LC-MS/MS	50.00 ng/mL – 6000 ng/mL
97	Pioglitazone	LC-MS/MS	15.00 ng/mL – 3000 ng/mL
98	Pravastatin	LC-MS/MS	0.5000 ng/ mL – 600.0000 ng/ mL
99	Pseudoephedrine	LC-MS/MS	10.000 ng/mL – 2000.0000 ng/mL
100	Ramipril	LC-MS/MS	0.5000 ng/mL – 250.0000 ng/mL
101	Ramiprilat	LC-MS/MS	0.5000 ng/mL – 250.0000 ng/mL
102	Ranitidine	LC-MS/MS	50.000 ng/mL – 5000.0000 ng/mL
103	Ritanovir	HPLC	0.2500 µg/mL – 20.0000 µg/mL
104	Ritonavir	LC-MS/MS	5.000 ng/mL to 1000 ng/mL
105	Sibutramine	LC-MS/MS	0.1000 ng/mL – 50.0000 ng/mL
106	Sildenafil	LC-MS/MS	10.000ng/mL-1600.000ng/mL
107	Sildenafil	LC-MS/MS	10.000ng/mL-3000.000ng/mL
108	Simvastatin	LC-MS/MS	0.2000 ng/mL -15.0000 ng/mL
109	Simvastatin	LC-MS/MS	0.5000 ng/mL to 100.0 ng/mL
110	Simvastatin hydroxy acid	LC-MS/MS	0.2000ng/mL-7.0000ng/mL
111	Simvastatin hydroxy acid	LC-MS/MS	0.5000 ng/mL to 100.0 ng/mL
112	Sotalol	HPLC	25.00 ng/mL – 3000.00 ng/mL
113	Spirolactone	HPLC	5.000 ng/mL – 1000.000ng/mL
114	Tacrolimus	LC-MS/MS	0.2000 ng/mL – 200.0000 ng/mL
115	Tamsulosin	LC-MS/MS	0.3000 ng/mL –75.000 ng/mL
116	Telmisartan	LC-MS/MS	1.0 ng /mL –1500.0 ng/mL
117	Terbinafine	HPLC	10.00 ng/mL – 2000.00 ng/mL
118	Testosterone	LC-MS/MS	0.50 ng/mL – 50 ng/mL
119	Thalidomide	LC-MS/MS	30.00 ng/mL – 3000 ng/mL
120	Ticlopidine	HPLC	20.00 ng/mL – 1200.00 ng/mL
121	Tizanidine	LC-MS/MS	0.1000 ng/mL – 18.0000 ng/mL
122	Tizanidine	LC-MS/MS	0.2500 ng/mL – 100.0000 ng/mL
123	Topiramate	LC-MS/MS	50.000ng/mL-9000.000ng/mL
124	Tramadol	LC-MS/MS	5.000 ng/mL – 600.00 ng/mL
125	Trimethoprim	HPLC	0.0300µng/mL-5.000µng/mL
126	Venlafaxine	HPLC	3.000 ng/mL – 700.000 ng/mL
127	Venlafaxine	LC-MS/MS	4.000 ng/mL – 400.00 ng/mL
128	Zidovudine	HPLC	7.500 ng/mL – 5000.000 ng/mL
129	Zidovudine	LC-MS/MS	25.00 ng/mL – 5000 ng/mL
130	Zolpidem	HPLC	5.000 ng/mL – 500.000 ng/mL

S. No	Analyte	Method	Calibration Range
131	Tenofovir	LC-MS/MS	10.00 ng/mL – 1000 ng/mL

METHODS UNDER DEVELOPMENT

S. No	Analyte	Method
1	Carisoprodol	LC-MS/MS
2	Nitroglycerin and 2 metabolites	LC-MS/MS
3	Saquinavir	LC-MS/MS