



List of Validated Bioanalytical Methods

S. No	Analyte	Matrix	LLOQ – ULOQ	Method	Extraction
1.	RBx-9841 (NCE)	Human Plasma	5-5000 pg/mL	LC-MS/MS	LLE
2.	RBx-9841 (NCE)	Human Urine	100-10000 pg/mL	LC-MS/MS	LLE
3.	Abacavir	Human Plasma	40-4000 ng/mL	LC-UV	LLE
4.	Amlodipine	Human Plasma	0.1-25 ng/mL	LC-MS/MS	LLE
5.	Amoxicillin	Human Plasma	0.2-20 µg/mL	LC-MS/MS	SPE
6.	Amisulpride	Human Plasma	0.1-100 ng/mL	LC-MS/MS	LLE
7.	Aspirin	Human Plasma	0.25-50 µg/mL	LC-UV	LLE
8.	Aripiprazole	Human Plasma	30-2000 ng/mL	LC-UV	LLE
9.	Atomoxetine	Human Plasma	20-3000 ng/mL	LC-MS/MS	LLE
10.	Atorvastatin	Human Plasma	0.1-10 ng/mL	LC-MS/MS	LLE
11.	Atorvastatin	Human Plasma	0.1-20 ng/mL	LC-MS/MS	LLE
12.	o-Hydroxy Atorvastatin	Human Plasma	0.25-25 ng/mL	LC-MS/MS	LLE
13.	o-Hydroxy Atorvastatin	Human Plasma	0.5-50 ng/mL	LC-MS/MS	LLE
14.	p-Hydroxy Atorvastatin	Human Plasma	0.1-10 ng/mL	LC-MS/MS	LLE
15.	Azithromycin	Human Plasma	25-2500 ng/mL	LC-MS/MS	SPE
16.	Azithromycin	Human Plasma	5-500 ng/mL	LC-MS/MS	SPE
17.	Carvedilol	Human Plasma	1-50 ng/mL	LC-FL	LLE
18.	Cerivastatin	Human Plasma	0.1-10 ng/mL	LC-MS/MS	LLE
19.	Cefditoren	Human Plasma	0.25-25 µg/mL	LC-UV	SPE
20.	Ciprofloxacin	Human Plasma	100-10000 ng/mL	LC-UV	SPE
21.	Cilostazole	Human Plasma	25-2000 ng/mL	LC-MS/MS	LLE
22.	3-4 Dehydro Cilostazole	Human Plasma	5-400 ng/mL	LC-MS/MS	LLE
23.	Citalopram	Human Plasma	2-1000 ng/mL	LC-FL	LLE
24.	Clarithromycin	Human Plasma	100-5000 ng/mL	LC-MS/MS	LLE
25.	Clopidogrel	Human Plasma	10-5000 pg/mL	LC-MS/MS	LLE
26.	Clonazepam	Human Plasma	0.05-10 ng/mL	LC-MS/MS	LLE
27.	Clonidine	Human Plasma	10-2000 pg/mL	LC-MS/MS	LLE
28.	Dasatinib	Human Plasma	0.5-200 ng/mL	LC-MS/MS	LLE
29.	Desloratadine	Human Plasma	0.5-25 ng/mL	LC-MS/MS	LLE
30.	Dimebon	Human plasma	0.25-250 ng/mL	LC-MS/MS	LLE
31.	Domperidone	Human Plasma	0.5-200 ng/mL	LC-MS/MS	LLE
32.	Domperidone	Human Plasma	2-120 ng/mL	LC-FL	LLE
33.	Doxazosin	Human Plasma	200-1000000 ng/mL	LC-MS/MS	LLE
34.	Doxofylline	Human Plasma	0.25-500 ng/mL	LC-MS/MS	PPT
35.	Dutasteride	Human Plasma	0.1-25 ng/mL	LC-MS/MS	LLE
36.	Efavirenz	Human Plasma	20-2000 ng/mL	LC-MS/MS	SPE
37.	Emitricitabine	Human Plasma	2-200 ng/mL	LC-MS/MS	SPE
38.	Enalapril	Human Plasma	5 -500ng/mL	LC-MS/MS	SPE
39.	Entacapone	Human Plasma	25-2500 ng/mL	LC-UV	LLE
40.	Escitalopram	Human Plasma	2-200 ng/mL	LC-FL	LLE



41.	Esomeprazole	Human Plasma	40-2400 ng/mL	LC-UV	LLE
42.	Etofylline	Human Plasma	100-10000 ng/mL	LC-UV	PPT
43.	Etoricoxib	Human Plasma	20-5000 ng/mL	LC-UV	LLE
44.	Etoricoxib	Human Plasma	50-6000 ng/mL	LC-UV	LLE
45.	Ezetemibe	Human plasma	1-200 ng/mL	LC-MS/MS	PPT
46.	Faropenem	Human Plasma	50-6000 ng/mL	LC-UV	PPT
47.	Felodipine	Human Plasma	20-10000 pg/mL	LC-MS/MS	SPE
48.	Fexofenadine	Human Plasma	10-5000 ng/mL	LC-MS/MS	SPE
49.	Fluconazole	Human Plasma	100-5000 ng/mL	LC-UV	LLE
50.	Fluvastatin	Human Plasma	2-500 ng/mL	LC-MS/MS	SPE
51.	Fluvastatin	Human Plasma	1-250 ng/mL	LC-MS/MS	SPE
52.	Gabapentin	Human Plasma	0.04-10 µg/mL	LC-MS/MS	PPT
53.	Galantamine	Human Plasma	0.5-100 ng/mL	LC-MS/MS	LLE
54.	Gatifloxacin	Human Plasma	100-10000 ng/mL	LC-UV	SPE
55.	Gingkolide A	Human Plasma	0.5-100 ng/mL	LC-MS/MS	LLE
56.	Glimepiride	Human Plasma	5-1000 ng/mL	LC-MS/MS	LLE
57.	Granisetron	Human Plasma	0.1-20 ng/mL	LC-MS/MS	LLE
58.	Hydrochlorothiazide	Human Plasma	0.05-10 ng/mL	LC-MS/MS	LLE
59.	Hydrochlorothiazide	Human Plasma	1-300 ng/mL	LC-MS/MS	LLE
60.	Imatinib	Human Plasma	20-5000 ng/mL	LC-UV	LLE
61.	Isosorbide 5 Mononitrate	Human Plasma	20-2000 ng/mL	LC-MS/MS	LLE
62.	Lacidipine	Human Plasma	0.1-5 ng/mL	LC-MS/MS	LLE
63.	Lamivudine	Human Plasma	10-2000 ng/mL	LC-MS/MS	SPE
64.	Lamivudine	Human Plasma	25-5000 ng/mL	LC-MS/MS	SPE
65.	Lamotrigine	Human Plasma	5-500 ng/mL	LC-MS/MS	LLE
66.	Lamotrigine	Human Plasma	25-3000 ng/mL	LC-MS/MS	LLE
67.	Lisinopril	Human Plasma	4-500 ng/mL	LC-MS/MS	SPE
68.	Loperamide	Human plasma	0.1-100 ng/mL	LC-MS/MS	PPT
69.	Lipoic Acid	Human Plasma	0.2-10 µg/mL	LC-MS/MS	LLE
70.	Loratadine	Human Plasma	0.5-25 ng/mL	LC-MS/MS	LLE
71.	Losartan	Human Plasma	20-1000 ng/mL	LC-MS/MS	LLE
72.	Carboxylic acid analogue of Losartan	Human Plasma	20-1000 ng/mL	LC-MS/MS	LLE
73.	Metformin	Human Plasma	50-5000 ng/mL	LC-UV	PPT
74.	Metformin	Human Plasma	20-2000 ng/mL	LC-MS/MS	SPE
75.	Miglitol	Human Plasma	100-6000 ng/mL	LC-MS/MS	PPT
76.	Metaxalone	Human Plasma	50-5000 ng/mL	LC-MS/MS	LLE
77.	Mosapride	Human Plasma	0.5-200 ng/mL	LC-MS/MS	LLE
78.	Mosapride	Human Plasma	2-80 ng/mL	LC-FL	LLE
79.	Mycophenolate Mofetil	Human Plasma	0.3-10 ng/mL	LC-MS/MS	SPE
80.	Mycophenolate Mofetil	Human Plasma	300-15000 ng/mL	LC-MS/MS	LLE
81.	Nebivolol	Human Plasma	0.05-10 ng/mL	LC-MS/MS	LLE
82.	Nevirapine	Human Plasma	50-5000 ng/mL	LC-UV	LLE
83.	Nevirapine	Human Plasma	25-5000 ng/mL	LC-MS/MS	LLE
84.	Nevirapine	Human Plasma	25-5000 ng/mL	LC-MS/MS	SPE
85.	Nimodipine	Human Plasma	0.2-50 ng/mL	LC-MS/MS	LLE
86.	Olanzapine	Human Plasma	0.25-30 ng/mL	LC-MS/MS	LLE
87.	Oxcarbazepine	Human Plasma	50-6000 ng/mL	LC-MS/MS	LLE



88.	Oxcarbazepine	Human Plasma	50-5000 ng/mL	LC-UV	LLE
89.	10-hydroxy Oxcarbazepine	Human Plasma	100-10000 ng/mL	LC-UV	LLE
90.	Pantoprazole	Human Plasma	50-5000 ng/mL	LC-UV	LLE
91.	Paroxetine	Human Plasma	200-30000 pg/mL	LC-MS/MS	LLE
92.	Pentoxifylline	Human Plasma	5-1000 ng/mL	LC-MS/MS	LLE
93.	Perindopril	Human Plasma	1-200 ng/mL	LC-MS/MS	LLE
94.	Phenytoin	Human Plasma	50-6000 ng/mL	LC-MS/MS	LLE
95.	Pramipexole	Human Plasma	200-8000 ng/mL	LC-MS/MS	LLE
96.	Pregabalin	Human Plasma	1-10000 ng/mL	LC-MS/MS	LLE
97.	Propranolol	Human Plasma	2-400 ng/mL	LC-MS/MS	LLE
98.	Pseudoephedrine	Human Plasma	10-2000 ng/mL	LC-MS/MS	SPE
99.	Quercetin	Human Plasma	1-100 ng/mL	LC-MS/MS	LLE
100.	Quetiapine	Human Plasma	0.25-500 ng/mL	LC-MS/MS	LLE
101.	Quinidine	Human plasma	0.1-100 ng/mL	LC-MS/MS	PPT
102.	Rabeprazole	Human Plasma	20-1000 ng/mL	LC-UV	SPE
103.	Rimonabant	Human Plasma	0.1-100 ng/mL	LC-MS/MS	LLE
104.	Rosuvastatin	Human Plasma	0.1-10 ng/mL	LC-MS/MS	LLE
105.	S-Amlodipine	Human Plasma	0.05-10 ng/mL	LC-MS/MS	LLE
106.	Sarpogrelate	Human Plasma	1-1000 ng/mL	LC-MS/MS	PPT
107.	Sibutramine	Human Plasma	30-6000 pg/mL	LC-MS/MS	LLE
108.	Sildenafil	Human Plasma	10-1000 ng/mL	LC-UV	LLE
109.	Simvastatin	Human Plasma	0.5-50 ng/mL	LC-MS/MS	LLE
110.	Simvastatin acid	Human Plasma	1-100 ng/mL	LC-MS/MS	LLE
111.	Sirolimus	Human Blood	0.5-250 ng/mL	LC-MS/MS	LLE
112.	Sitagliptin	Human Plasma	0.1-250 ng/mL	LC-MS/MS	LLE
113.	Stavudine	Human Plasma	5-1000 ng/mL	LC-MS/MS	SPE
114.	Tacrolimus	Human Plasma	0.05-25 ng/mL	LC-MS/MS	LLE
115.	Tacrolimus	Human Blood	0.5-50 ng/mL	LC-MS/MS	LLE
116.	Tadalafil	Human Plasma	10-1000 ng/mL	LC-MS/MS	LLE
117.	Tamsulosin	Human Plasma	0.5-100 ng/mL	LC-MS/MS	LLE
118.	Tenofovir	Human Plasma	5-1000 ng/mL	LC-MS/MS	SPE
119.	Theophylline	Human Plasma	100-10000 ng/mL	LC-UV	PPT
120.	Topiramate	Human Plasma	10-1000 ng/mL	LC-MS/MS	LLE
121.	Valdecoxib	Human Plasma	10-500 ng/mL	LC-UV	LLE
122.	Valproic Acid	Human Plasma	0.5-60 µg/mL	LC-MS/MS	SPE
123.	Venlafaxine	Human Plasma	5-500 ng/mL	LC-MS/MS	LLE
124.	Venlafaxine	Human Plasma	1-250 ng/mL	LC-MS/MS	LLE
125.	Zopiclone	Human Plasma	50-5000 ng/mL	LC-UV	LLE
126.	Zopiclone	Human Plasma	3-300 ng/mL	LC-FL	LLE
127.	Zolpidem	Human Plasma	2-300 ng/mL	LC-MS/MS	LLE
128.	Zidovudine	Human Plasma	5-500 ng/mL	LC-MS/MS	LLE
129.	Urapidil	Human Plasma	0.25-500 ng/mL	LC-MS/MS	LLE

SPE: Solid Phase Extraction, LLE: Liquid Liquid Extraction, PPT: Precipitation