

Table 3.25 Intra-day accuracy & precision data for all QC samples LLOQ, QC low, QC mid, and QC high of propranolol based on the standard calibration curves of the first day of validation (n=6). Corresponding calibration curve used in the calculation of measured concentration of intra-day one is shown in **table 3.36**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1141	131440	0.0087	51.764	103.53	104.19%	2.21%
	1179	127441	0.0093	53.529	107.06		
	1133	126631	0.0089	52.588	105.18		
	1177	132027	0.0089	52.488	104.98		
	1131	128599	0.0088	52.117	104.23		
	775	95254	0.0081	50.080	100.16		
Mean	1089	123565	0.009	52.094	104.19		
STD	155.46	14034.95	0.000	1.151	2.30		
CV%	14.27	11.36	4.235	2.209	2.21		
150 ng/ml QCL	5230	126497	0.0413	152.764	101.84	99.52%	1.24%
	5248	130523	0.0402	149.247	99.50		
	5167	129940	0.0398	147.878	98.59		
	5308	132326	0.0401	148.955	99.30		
	5200	131124	0.0397	147.545	98.36		
	5335	132641	0.0402	149.290	99.53		
Mean	5248	130509	0.040	149.280	99.52		
STD	63.81	2220.15	0.001	1.856	1.24		
CV%	1.22	1.70	1.492	1.243	1.24		
1500 ng/ml QC Mid	64378	132174	0.487	1530.978	102.07	102.92%	0.71%
	65197	131975	0.494	1552.438	103.50		
	65687	133058	0.494	1551.392	103.43		
	64436	132409	0.487	1529.660	101.98		
	65050	132366	0.491	1544.492	102.97		
	65126	131673	0.495	1554.274	103.62		
Mean	64979	132276	0.491	1543.872	102.92		
STD	496.28	469.45	0.004	11.016	0.73		
CV%	0.76	0.35	0.725	0.714	0.71		
2500 ng/ml QC High	109990	130820	0.841	2624.655	104.99	104.43%	0.86%
	109147	131450	0.830	2592.366	103.69		
	115116	137060	0.840	2621.938	104.88		
	110207	132030	0.835	2605.912	104.24		
	107327	129927	0.826	2579.148	103.17		
	107847	127526	0.846	2639.846	105.59		
Mean	109939	131469	0.836	2610.644	104.43		
STD	2782.16	3159.77	0.007	22.473	0.90		
CV%	2.53	2.40	0.869	0.861	0.86		