

Table 3.3 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 second day of validation (n=6). Corresponding calibration curve used in the calculation of measured concentration of intra-day two is shown in **table 3.14**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1177	110614	0.0106	53.391	106.78	105.70%	2.25%
	1211	109994	0.0110	54.632	109.26		
	1125	110920	0.0101	51.716	103.43		
	1159	111622	0.0104	52.526	105.05		
	1183	111291	0.0106	53.355	106.71		
	1131	112374	0.0101	51.455	102.91		
Mean	1164	111136	0.0105	52.846	105.69		
STD	32.78	826.58	0.0004	1.188	2.38		
CV%	2.82	0.74	3.3732	2.249	2.25		
150 ng/ml QCL	5029	117504	0.0428	161.496	107.66	104.29%	4.04%
	5296	120226	0.0441	165.704	110.47		
	5070	124957	0.0406	154.017	102.68		
	4892	118344	0.0413	156.583	104.39		
	4584	114145	0.0402	152.624	101.75		
	4585	118033	0.0388	148.205	98.80		
Mean	4909	118868	0.0413	156.438	104.29		
STD	283.19	3579.36	0.0019	6.319	4.21		
CV%	5.77	3.01	4.5519	4.039	4.04		
1500 ng/ml QC Mid	57782	120080	0.4812	1635.247	109.02	105.40%	3.53%
	58053	133823	0.4338	1475.932	98.40		
	58278	125775	0.4634	1575.259	105.02		
	56382	119660	0.4712	1601.593	106.77		
	56367	120965	0.4660	1584.088	105.61		
	57561	121195	0.4749	1614.234	107.62		
Mean	57404	123583	0.4651	1581.059	105.40		
STD	833.36	5475.03	0.0166	55.773	3.72		
CV%	1.45	4.43	3.5673	3.528	3.53		
2500 ng/ml QC High	96709	124386	0.7775	2631.296	105.25	104.50%	2.43%
	95362	122212	0.7803	2640.738	105.63		
	95930	122617	0.7824	2647.646	105.91		
	94371	120593	0.7826	2648.329	105.93		
	85468	116457	0.7339	2484.763	99.39		
	93351	120468	0.7749	2622.595	104.90		
Mean	93532	121122	0.7719	2612.561	104.50		
STD	4122.07	2703.58	0.0189	63.385	2.54		
CV%	4.41	2.23	2.4426	2.426	2.43		