

Table 3.4 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 third day of validation (n=6). Corresponding calibration curve used in the calculation of measured concentration of intra-day three is shown in **table 3.15**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1239	111803	0.0111	56.198	112.40	105.19%	5.49%
	1009	111484	0.0091	49.209	98.42		
	1140	107131	0.0106	54.682	109.36		
	1144	111057	0.0103	53.511	107.02		
	997	110437	0.0090	49.130	98.26		
	1144	113170	0.0101	52.850	105.70		
Mean	1112	110847	0.0100	52.597	105.19		
STD	92.51	2036.51	0.0008	2.888	5.78		
CV%	8.32	1.84	8.3650	5.491	5.49		
150 ng/ml QCL	5019	121882	0.0412	159.757	106.50	104.34%	4.51%
	5127	124471	0.0412	159.795	106.53		
	5276	121383	0.0435	167.625	111.75		
	4596	118817	0.0387	151.162	100.77		
	4321	112355	0.0385	150.396	100.26		
	4560	118652	0.0384	150.304	100.20		
Mean	4817	119593	0.0402	156.507	104.34		
STD	376.43	4150.06	0.0021	7.062	4.71		
CV%	7.82	3.47	5.1013	4.512	4.51		
1500 ng/ml QC Mid	57045	121463	0.4696	1634.039	108.94	106.90%	1.39%
	57298	126727	0.4521	1573.784	104.92		
	57722	125076	0.4615	1605.984	107.07		
	56166	121892	0.4608	1603.539	106.90		
	56046	123184	0.4550	1583.558	105.57		
	56813	122013	0.4656	1620.212	108.01		
Mean	56848	123393	0.4608	1603.519	106.90		
STD	650.34	2091.60	0.0065	22.355	1.49		
CV%	1.14	1.70	1.4100	1.394	1.39		
2500 ng/ml QC High	95415	124731	0.7650	2650.168	106.01	103.21%	2.65%
	95070	127233	0.7472	2589.078	103.56		
	95348	127964	0.7451	2581.866	103.27		
	93808	123323	0.7607	2635.382	105.42		
	84993	119920	0.7087	2456.730	98.27		
	92508	124800	0.7413	2568.565	102.74		
Mean	92857	124662	0.7447	2580.298	103.21		
STD	4012.84	2891.94	0.0199	68.414	2.74		
CV%	4.32	2.32	2.6701	2.651	2.65		