

Table 3.26 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 3.37**.

Theo. Conc.	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Accuracy %	Mean accuracy %	Precision %
50 ng/ml LLOQ	1129	133557	0.008	54.071	108.14	107.46%	2.13%
	1073	130131	0.008	53.444	106.89		
	1021	116204	0.009	55.075	110.15		
	1024	128918	0.008	52.532	105.06		
	1005	127291	0.008	52.388	104.78		
	934	107151	0.009	54.865	109.73		
Mean	1031	123875	0.008	53.729	107.46		
STD	65.73	10084.80	0.000	1.143	2.29		
CV%	6.38	8.14	4.544	2.127	2.13		
150 ng/ml QCL	5180	126442	0.041	152.134	101.42	101.30%	1.94%
	5539	130739	0.042	156.355	104.24		
	5419	131073	0.041	153.268	102.18		
	5154	130808	0.039	147.411	98.27		
	5347	132078	0.040	150.675	100.45		
	5352	130959	0.041	151.834	101.22		
Mean	5332	130350	0.041	151.946	101.30		
STD	145.49	1975.51	0.001	2.947	1.96		
CV%	2.73	1.52	2.389	1.939	1.94		
1500 ng/ml QC Mid	61875	125424	0.493	1516.459	101.10	100.32%	0.94%
	65225	133918	0.487	1497.534	99.84		
	64699	133347	0.485	1491.927	99.46		
	65119	134460	0.484	1489.235	99.28		
	64856	132099	0.491	1509.337	100.62		
	65123	131315	0.496	1524.310	101.62		
Mean	64483	131761	0.489	1504.800	100.32		
STD	1292.45	3314.31	0.005	14.128	0.94		
CV%	2.00	2.52	0.957	0.939	0.94		
2500 ng/ml QC High	109531	130907	0.837	2552.107	102.08	101.53%	0.67%
	107446	130472	0.824	2512.323	100.49		
	114363	137764	0.830	2532.287	101.29		
	102402	122055	0.839	2558.965	102.36		
	108531	130871	0.829	2529.755	101.19		
	108178	129738	0.834	2543.392	101.74		
Mean	108409	130301	0.832	2538.138	101.53		
STD	3841.58	4994.62	0.006	16.896	0.68		
CV%	3.54	3.83	0.673	0.666	0.67		