

Table 33: Linearity and linear working range of six standard curves of Candesartan data based on the measured concentration.

Curve #	Concentration for each Standard Point						
	10.00	25.00	75.00	250.00	400.00	600.00	1000.00
1	9.098	24.217	75.269	257.830	444.913	638.432	910.240
2	9.682	22.551	75.531	272.624	426.250	619.878	933.484
3	9.776	23.737	79.560	247.963	394.079	645.347	959.538
4	9.495	25.251	75.088	241.489	427.222	635.725	945.729
5	9.949	25.009	68.976	253.792	426.317	642.156	933.800
6	9.704	23.590	76.920	249.280	431.006	624.428	945.071
Mean	9.617	24.059	75.224	253.830	424.965	634.328	937.977
STD	0.294	0.995	3.488	10.739	16.715	10.083	16.627
CV%	3.055	4.134	4.637	4.231	3.933	1.590	1.773
Accuracy %	96.173	96.237	100.299	101.532	106.241	105.721	93.798
Min	9.098	22.551	68.976	241.489	394.079	619.878	910.240
Max	9.949	25.251	79.560	272.624	444.913	645.347	959.538

Table 34: Linearity and linear working range of candesartan data based on normalized concentration derived from standard calibration curves.

Calibration Curve #	Normalized Concentration						
	10.00	25.00	75.00	250.00	400.00	600.00	1000.00
1	0.910	0.969	1.004	1.031	1.112	1.064	0.910
2	0.968	0.902	1.007	1.090	1.066	1.033	0.933
3	0.978	0.949	1.061	0.992	0.985	1.076	0.960
4	0.950	1.010	1.001	0.966	1.068	1.060	0.946
5	0.995	1.000	0.920	1.015	1.066	1.070	0.934
6	0.970	0.944	1.026	0.997	1.078	1.041	0.945
Mean	0.962	0.962	1.003	1.015	1.062	1.057	0.938
STD	0.029	0.040	0.047	0.043	0.042	0.017	0.017
CV%	3.055	4.134	4.637	4.231	3.933	1.590	1.773
Min	0.910	0.902	0.920	0.966	0.985	1.033	0.910
Max	0.995	1.010	1.061	1.090	1.112	1.076	0.960