



Figure 3: The plot of calibration curve levels against their analytical response, in day one validation for candesartan.

**Table 29: Standard calibration curve of day two validation, intraday accuracy data for Candesartan.**

Theoretical conc. ng/ml	Drug Area	IS Area	Ratio	Measured Conc.	Accuracy%
10.00	3503	56813	0.062	9.682	96.82
25.00	6062	56165	0.108	22.551	90.20
75.00	16519	55345	0.298	75.531	100.71
250.00	52422	52043	1.007	272.624	109.05
400.00	81808	52448	1.560	426.250	106.56
600.00	118126	52358	2.256	619.878	103.31
1000.00	165841	49008	3.384	933.484	93.35

$$\text{Ratio} = \text{drug area} / \text{IS area}$$

$$\text{Measured conc.} = (\text{ratio} / 0.0036) - (+ 0.0268)$$

$$\text{Function is } Y = 0.0036X + 0.0268 \quad (R = 0.9978)$$

$$p < 0.05$$