

Table 11 : Results of Linearity of Tadalafil

Concentration %	Average Area	RSD%
50 (36.9mg/L)	530485	1.11
80 (56.04mg/L)	779603	1.09
100 (73.8mg/L)	1044488	1.12
120 (88.56mg/L)	1253386	1.25
150 (110.7mg/L)	1562480	0.95

$R^2 = 0.999$ Slope= 14175 Intercept= 359.84 LOQ =7.2 mg/L

LOD = 2.4 mg/L

The calibration curve equation: Absorbance= 14175x + 359.84

Calibration curve of average areas of tadalafil versus the conc. % gives the linear curve of tadalafil shown in figure (10) .