

**Table 11 : Results of Linearity of Tadalafil**

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