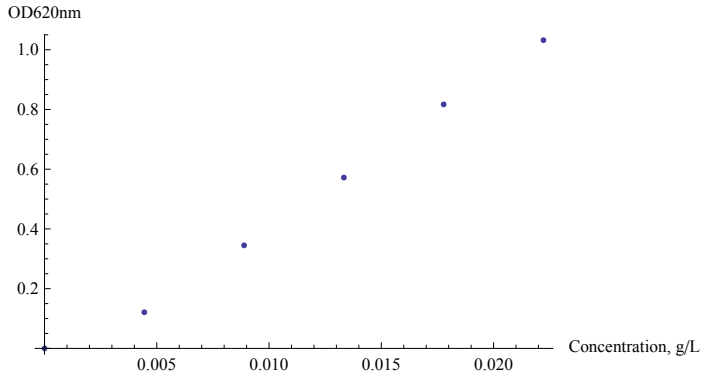
```
Import["C:\\Users\\Juntao Yu\\Desktop\\Saccharide\\Standard.xlsx"]
```

```
{{{0., 0.}, {0.00444444, 0.121}, {0.00888889, 0.345},
  {0.0133333, 0.572}, {0.0177778, 0.817}, {0.0222222, 1.032}}}
```

```
data = {{0.`, 0.`}, {0.004444444444444445`, 0.121`},
  {0.008888888888888889`, 0.345`}, {0.013333333333333332`, 0.572`},
  {0.017777777777777778`, 0.817`}, {0.022222222222222223`, 1.032`}}
```

```
{{0., 0.}, {0.00444444, 0.121}, {0.00888889, 0.345},
 {0.0133333, 0.572}, {0.0177778, 0.817}, {0.0222222, 1.032}}
```

```
gra = ListPlot[data, AxesLabel → {"Concentration, g/L", "OD620nm"}]
```

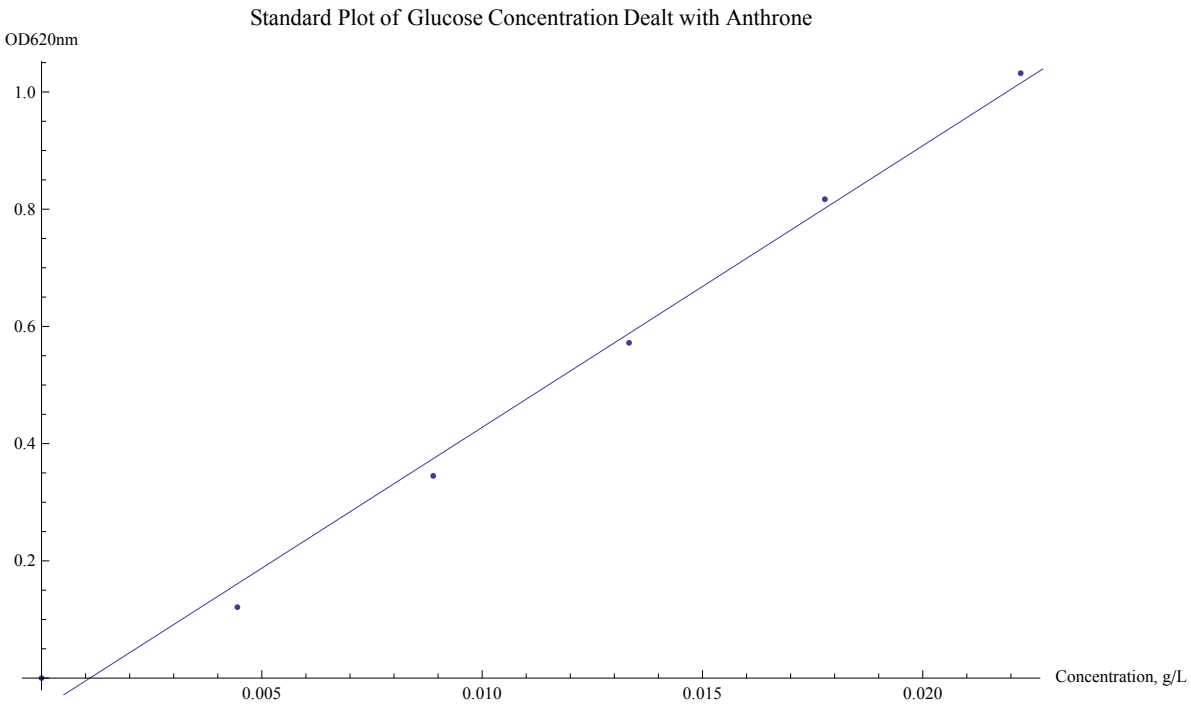



```
gra2 = LinearModelFit[data, x, x]
```

```
Normal[gra2]
```

```
-0.0527619 + 48.0536 x
```

```
Show[gra, Plot[gra2[x], {x, 0, 0.25}],
 PlotLabel → "Standard Plot of Glucose Concentration Dealt with Anthrone"]
```




```
gra2["RSquared"]
```

```
0.992525
```

```
Solve[y == -0.05276190476190524` + 48.053571428571445` x, x]
```

```
{{x → -0.0208101 (-0.0527619 - y)}}
```

```
a[b_] = -0.020810107766629497` (-0.05276190476190524` - b);
a[0.408]
```

```
0.0095885
```

```
a[0.807]
```

```
0.0178917
```

```
data3 = {{0.0095885`, 0.408`}, {0.0178917`, 0.807`}}
```

```
{{0.0095885, 0.408}, {0.0178917, 0.807}}
```

```
Show[gra, Plot[gra2[x], {x, 0, 0.25}], ListPlot[data3],
 PlotLabel → "Standard Plot of Glucose Concentration Dealt with Anthrone"]
```