

## Measurement of Total Protein by Spectrophotometry

### Question

Using a standard curve, determine the total protein content of a sample. Express your answer as a percentage of the total protein content of the standard. The only standard you have is a 100% standard. The absorbance of the standard is 0.500. The absorbance of the sample is 0.250.

### Table

Standard Concentration (%)	Absorbance
100	0.500
75	0.375
50	0.250
25	0.125
0	0.000
25	0.125
50	0.250
75	0.375
100	0.500
75	0.375
50	0.250
25	0.125
0	0.000
25	0.125
50	0.250
75	0.375
100	0.500

### Standard Deviation