

## Measurement of Total Protein by a Spectrophotometer

### Question

Using a spectrophotometer, you determine the absorbance of a protein solution at 280 nm. The absorbance is 0.45. The molar absorptivity of the protein at 280 nm is 1.5 cm<sup>2</sup> mol<sup>-1</sup>.

### Task

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

What is the concentration of the protein solution? (Answer in mol/L)

Answer:

© 2019 Pearson Education, Inc.