

Practice Labeling the type of protein structure:

alpha helix



beta pleated sheet



Digestion and Metabolism of Amino Acids

Intact dietary proteins

Amino Acids in Small intestine

Amino acids in bloodstream

Tissue Proteins

What do we get after absorption of Amino Acids

By pass proteins

- Proteins that escape and are hydrolyzed in
- In high producing cattle, the need for to meet requirements for protein synthesis is than what can be provided by
- Need to provide amino acids to help meet the increased requirement for certain amino acids

NPN:

Microbes can synthesize amino acids if they have

Must provide ample dietary to form amino acids

Microbes convert into

Ammonia toxicity:

- Practical problems in
- Lack of to synthesize microbial protein
- Example: