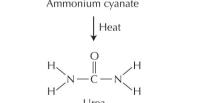
$$\begin{array}{c}
NH_4CI + AgOCN \\
\downarrow Heat
\end{array}$$

$$\begin{bmatrix}
H \\
H-N-H \\
\downarrow H
\end{bmatrix}^+ [C = N-O]^-$$
Ammonium cyanate
$$\downarrow Heat$$



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FIGURE 4.5. Synthesis of urea from inorganic salts by the Wöhler reaction.