

Code No.21-0061

## SPECIFICATION

Urea  
for Biochemistry

| REQUIREMENT   | SPECIFICATION   |
|---|-----------------|
| Appearance  | White, crystals |
| Solubility in water   | to pass test    |
| Solubility in ethanol   | to pass test    |
| Melting point   | 134~136°C       |
| Absorbance(8mol/L, 260nm)   | max.0.05        |
| Chloride (Cl)   | max.5ppm        |
| Sulfate (SO <sub>4</sub> )  | max.0.001%      |
| Copper (Cu)   | max.0.5ppm      |
| Lead (Pb)   | max.0.5ppm      |
| Iron (Fe)   | max.0.3ppm      |
| Biuret (C <sub>2</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> ) | max.0.05%       |
| Substances reducing fehling solution                                  | to pass test    |
| Assay   | min.99.0%       |