

## SPECIFICATION

## 2-Amino-2-hydroxymethyl-1,3-propanediol

## Guaranteed Reagent

| REQUIREMENT                         | SPECIFICATION                                      |
|-------------------------------------|--|
| * Appearance                        | White ~ pale yellow, crystals ~ crystalline powder |
| Assay                               | min.99.0%  |
| Solubility in water                 | to pass test                                       |
| Melting point                       | 169~173°C  |
| Loss on drying at 105°C             | max.0.5%   |
| Residue after ignition (as sulfate) | max.0.05%  |
| pH of a 0.1mol/l solution at 25°C   | 10.0~10.8  |
| Chloride (Cl)                       | max.0.001%   |
| Sulfate (SO <sub>4</sub> )          | max.0.001%   |
| Copper (Cu)                         | max.5ppm   |
| Lead (Pb)                           | max.5ppm   |
| Iron (Fe)                           | max.5ppm   |

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(\*:Additional test performed by Wako but not required by JIS)