

Code No.13-0603

## SPECIFICATION

## N,N'-Methylenebis(acrylamide)

for Electrophoresis

| REQUIREMENT                                     | SPECIFICATION                        |
|-------------------------------------------------|--------------------------------------|
| Appearance                                      | White, crystals ~ crystalline powder |
| Color (APHA) (5g/L)                             | max.10                               |
| Solubility in buffer solution                   | to pass test                         |
| Electric conductivity (10g/L, H <sub>2</sub> O) | max.20 $\mu$ S/cm                    |
| Loss on drying at 105°C                         | max.0.5%                             |
| Residue after ignition (as sulfate)             | max.0.1%                             |
| pH of a 10g/L solution at 25°C                  | 5.0~7.0                              |
| Acrylic acid (CH <sub>2</sub> :CHCOOH)          | max.0.02%                            |
| Heavy metals (as Pb)                            | max.0.001%                           |
| Iron (Fe)                                       | max.0.001%                           |
| Assay                                           | min.99.0%                            |