

## SPECIFICATION

## Lithium Sulfate Monohydrate

## Guaranteed Reagent

| REQUIREMENT   | SPECIFICATION                        |
|---|--------------------------------------|
| * Appearance  | White, crystals ~ crystalline powder |
| Assay (Li <sub>2</sub> SO <sub>4</sub> ·H <sub>2</sub> O) | min.99.0%(mass/mass)                 |
| Solubility in water                                       | to pass test                         |
| pH of a 50g/l solution at 25°C                            | 4.5~8.0                              |
| Chloride (Cl)   | max.0.002%(mass/mass)                |
| Nitrate   | to pass test                         |
| Sodium (Na)   | max.0.05%(mass/mass)                 |
| Potassium (K)   | max.0.05%(mass/mass)                 |
| Magnesium (Mg)  | max.0.002%(mass/mass)                |
| Calcium (Ca)  | max.0.005%(mass/mass)                |
| Lead (Pb)   | max.0.001%(mass/mass)                |
| Iron (Fe)   | max.0.001%(mass/mass)                |

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