

Code No.12-0127

SPECIFICATION

Lithium Sulfate Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ($\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}$)	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)

JIS K 8994:2013

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