

SPECIFICATION

Lithium Chloride
for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Loss on drying at 130°C	max.2.0%
pH of a 50g/l solution at 25°C	5.0~7.0
Nitrate	to pass test (NO ₃ :max.about 0.005%)
Sulfate (SO ₄)	max.0.005%
Heavy metals (as Pb)	max.0.001%
Sodium (Na)	max.0.02%
Potassium (K)	max.0.02%
Magnesium (Mg)	max.0.005%
Calcium (Ca)	max.0.005%
Barium (Ba)	max.0.003%
Iron (Fe)	max.5ppm
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Assay (after drying)	min.99.0%