

## SPECIFICATION

Sucrose, Ultra Pure  
for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	White crystals
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D25(c=13,H2O)	+66.0~+67.0°
Absorbance (200g/l, 260nm)	max.0.1
Acidity (as CH <sub>3</sub> COOH)	max.0.006%
Magnesium (Mg)	max.1ppm
Calcium (Ca)	max.2ppm
Copper (Cu)	max.0.05ppm
Cadmium (Cd)	max.0.01ppm
Lead (Pb)	max.0.3ppm
Manganese (Mn)	max.0.3ppm
Iron (Fe)	max.0.3ppm
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Assay (HPLC)	min.99.0%