

SPECIFICATION

Sodium Hydrogen Carbonate
for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	White crystalline powder
Solubility in water	to pass test
Loss on drying	max.0.1%
Chloride (Cl)	max.0.001%
Phosphate (PO ₄)	max.5ppm
Silicate (as SiO ₂)	max.0.001%
Sulfate (SO ₄)	max.0.003%
Nitrogen compounds (as N)	max.0.005%
Potassium (K)	max.0.005%
Copper (Cu)	max.2ppm
Magnesium (Mg)	max.5ppm
Calcium (Ca)	max.0.005%
Zinc (Zn)	max.2ppm
Lead (Pb)	max.2ppm
Iron (Fe)	max.5ppm
Substances reducing iodine	to pass test (as I:max.about 0.0065%)
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Assay	99.5~100.3%