

SPECIFICATION

Sodium Carbonate
for Proteomics

REQUIREMENT	SPECIFICATION
Appearance	White, powder or granules
Solubility in water	to pass test
Loss on ignition at 600°C	max.1.0%
Sulfide, sulfite and thiosulfate	to pass test
Chloride (Cl)	max.0.002%
Phosphate (PO ₄)	max.0.002%
Silicate (as SiO ₂)	max.0.005%
Sulfate (SO ₄)	max.0.003%
Nitrogen compounds (as N)	max.0.001%
Potassium (K)	max.0.01%
Copper (Cu)	max.2ppm
Magnesium (Mg)	max.0.002%
Calcium (Ca)	max.0.005%
Zinc (Zn)	max.2ppm
Aluminium (Al)	max.0.001%
Lead (Pb)	max.2ppm
Iron (Fe)	max.5ppm
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Protease	to pass test
Assay (after ignition)	min.99.8%