

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% |