

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Sodium carbonate**
 Specifications & Purity: **UltraBio™, anhydrous, ≥99.5%(T)**
 SKU #: **S755762**

Parameter	Limit Values
Appearance(S755762)	Colorless or White Powder or Crystals
Assay(Titration by HCL)(Dried Basis)	99.5-101 (%)
Loss on drying	0-1 (%)
Aluminium(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-50 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-50 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Phosphate,Silikate(as SiO ₂)	0-50 (ppm)
Chloride (Cl ⁻)	0-50 (ppm)
Total Nitrogen	0-10 (ppm)
Solubility(1M water),Clear Colorless	Pass
pH(in 1M Water at 25°C,~12.0)	Pass
Residue (filter test)	no residue
UV - ABS. AT 260 nm(1M Water)	0-0.01
UV - ABS. AT 280 nm(1M Water)	0-0.01