

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Sodium hydrogen carbonate**
Specifications & Purity: Ph. Eur., BP, JP, USP, FCC, E 500
SKU #: **S432111**

Parameter	Limit Values
Appearance(S432111)	white powder
Purity(Titration by HCl)	99.5-100.5 (%)
PH(5% in water)	7.9-8.4
Chloride (Cl-)	0-150 (ppm)
Carbonate(CO ₃)	Pass
Sulfate(SO ₄ ²⁻)	0-150 (ppm)
Heavy metals(as Pb)	0-5 (ppm)
Aluminium(Al)	0-1 (ppm)
Arsenic(As)	0-2 (ppm)
Calcium(Ca)	0-100 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-20 (ppm)
Mercury (Hg)	0-1 (ppm)
Ammonium(NH ₄)	0-20 (ppm)
Lead(Pb)	0-2 (ppm)
Loss on drying (on silicagel, 4h)	0-0.25 (%)
Infrared spectrum	Conforms to Structure