



Product data

Soda Ash, Lite, NSF® - 60

Product code **SALNSF02**

Physical & Chemical Data:

Chemical Name	Carbonic acid disodium salt
Common Name	Soda ash; sodium carbonate
Molecular Formula	Na_2CO_3
CAS Number	497-19-8
Molecular Weight	105.988 g/mol
Description	White Powder
pH	~11.7, 10% solution
Solubility	307 g/L @ 25 °C

Specification:

Certified by NSF/ANSI Standard 60 for use in drinking water up to a maximum of 150 mg/L for Corrosion & Scale Control, and pH Adjustment.

	Specification	Typical
Sodium Carbonate (Na_2CO_3)	≥99.2%	99.8%
Sodium Oxide (Na_2O)	≥58.0%	58.4%
Sodium Sulphate (Na_2SO_4)	≤0.10%	0.04%
Sodium Chloride (NaCl)	≤0.10%	0.03%
Ferric Oxide (Fe_2O_3)	≤20 mg/kg	7 mg/kg
Arsenic (As)	≤3 mg/kg	
Heavy Metals (as Pb)	≤10 mg/kg	
Water insoluble Substances	≤0.05%	0.01%
Bulk Density	700-860 kg/m ³ 44-54 lb/ft ³	770 kg/m ³ 48 lb/ft ³

Particle Characteristics:

US Mesh +30 (≥600 micron)		1%
US Mesh +40 (≥400 micron)	≤25%	8%
US Mesh +100 (≥150 micron)		88%
US Mesh -200 (≤75 micron)	≤7%	2%

Safety Note:

Read the Safety Data Sheet (SDS) for special handling information

Date of latest revision: April 16, 2024