

**PRODUCT CODE: 131638****Sodium Hydrogen Carbonate (Reag. USP) for analysis, ACS, ISO**

CHNaO₃NaHCO₃

M.= 84,01

CAS [144-55-8]

EINECS 205-633-8

TARIC 2836 30 00 00

SYNONYMS: Sodium Bicarbonate**PHYSICAL DATA:** crystalline powder, White, Soluble in water 100 g/l at 20 °C Thermal decom. above 50 °C • D 2,159
• pH8,2 •**BIBLIOGRAPHY:** Merck Index **13**, 8.655 Safety **2**, **3143 A** • Römpp **8**, **2737** • Fieser **3260 5595** • ACS **XI** • ISO 6353/3-1987R - 89 , 65 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: VZ 0950000 • LD50 oral rat 4.220 mg/kg •

SPECIFICATIONS:

Assay (Acidim.) 99,7-100,3 %

Identity :

Identity passes test

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %
Reducing substances of I ₂ (en I)	0,005 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,0005%
Sulfur compounds (as SO ₄)	0,003 %
Ammonium (NH ₄)	0,0005 %
Phosphate (PO ₄)	0,001 %
Silicate SiO ₂	0,005%
As	0,00004 %
Heavy Metals (ICP-OES)	0,0005 %

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	5
Ba	5
Bi	5
Ca	100
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
K	50
Li	20
Mg	50
Mn	5
Mo	5
Ni	5
Pb	5
Sr	5
Tl	5
Zn	5