

**PRODUCT CODE: 131638****Sodium Hydrogen Carbonate for analysis, ACS, ISO**

CHNaO₃
NaHCO₃

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** • Römp **8** , **2737** • Fieser **3260 5595** • ACS **XI** • ISO 6353/3-1987R - 89 , 65 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • 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 H2O	0,01 %
Reducing substances of I2 (en I)	0,005 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,0005%
Sulfur compounds (as SO4)	0,003 %
Ammonium (NH4)	0,0005 %
Phosphate (PO4)	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