



PRODUCT CODE: 241648

Sodium Carbonate anhydrous standard for volumetry, ACS, ISO
Primary Chemical Matter

CNa_2O_3

Na_2CO_3

M.= 105,99

CAS [497-19-8]

EINECS 207-838-8

TARIC 2836 20 00 00

PHYSICAL DATA: powder, White, Soluble in water 210 g/l at 20 °C Hygroscopic • D 2,53 • M.P.: 851 °C • pH(50g/l)11,5 •

BIBLIOGRAPHY: Merck Index **12**, 8.739 13, 8.668 Sax **SFO000** • Safety **2**, **3134 D** • Römp **8**, **2729** • Kühn-Birett **N 36** • Fieser **7332** • ACS **XI** • ISO 6353/2-1983R - 30 , 41 • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: C.E: 011-005-00-2 • RTECS: VZ 4050000 • LD50 oral rat 4.090 mg/kg • LC50 rat 2300mg/m3 / 2h •



H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

SPECIFICATIONS:

Uncertainty
Traceability
Assay (Acidim.) (after dried at 120°C. 2 h)

See certificate
NIST
99,95-100,05%

Maximum limit of impurities

Insoluble matter in H2O	0,005 %
Reducing substances of I2	0,005 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,001%
Sulfur compounds (as SO4)	0,003 %
Phosphate (PO4)	0,001 %
Silicate (as SiO2)	0,005%
Heavy Metals (ICP-OES)	0,0005 %
Al	0,001 %
As	0,0001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,002 %
Ni	0,0005 %
Pb	0,0005 %

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