

Product Datasheet

**GK4950 - Sodium carbonate,
anhydrous, 99.5 - 100.5 %, BP, Ph.
Eur., NF grade**

Signal Word
Hazard Codes
Precautionary Codes
Pictograms

Warning
H319
P305+P351+P338, P261

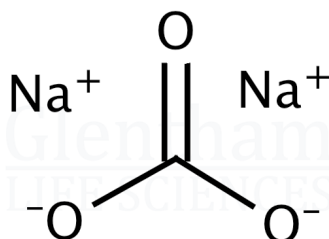


Product Details

Product Name Sodium carbonate, anhydrous,
99.5 - 100.5 %, BP, Ph. Eur.,
NF grade
Glenthams Code GK4950
CAS Number 497-19-8
EINECS 207-838-8
MDL Number MFCD00003494
Related Categories Buffers, Raw Materials (IVD),
Analytical Reagents, PCR,
Reagents for Cell Culture,
Organometallics

Structure

Molecular Weight : 105.99
Molecular Formula : Na_2CO_3



Glenthams Product Specification

Physical Description : White or almost white, slightly
granular powder
Identification : To pass EP tests A, D
Identification : To pass tests for: Sodium,
Carbonate
Appearance of Solution : To pass test
Alkali hydroxides and bicarbonates : To pass test
Chlorides : $\leq 125\text{ppm}$
Sulphate : $\leq 250\text{ppm}$
Iron (Fe) : $\leq 50\text{ppm}$
Arsenic (As) : $\leq 5\text{ppm}$
Heavy Metals (as Pb) : $\leq 50\text{ppm}$
Loss on Drying : $\leq 0.5\%$ (NF)
Loss on Drying : $\leq 1.0\%$ (BP, EP)
Assay (Titration) : 99.5 - 100.5 % (dried substance)
Pharmacopoeia Specification(s) : BP, Ph. Eur., NF
Version : v1.0

About Sodium carbonate, anhydrous, 99.5 - 100.5 %, BP, Ph. Eur., NF grade

Water soluble inorganic salt in anhydrous form. Also
found in three hydrated forms. Used as a pH regulator.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification Eye Irr. 2A

This document was generated electronically and is
therefore valid without signature. © Glenthams Life
Sciences Ltd, 2025