

Product Datasheet

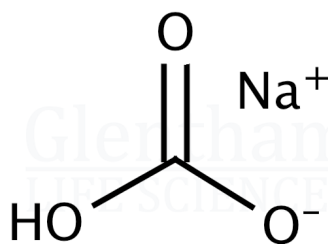
GE9811 - Sodium hydrogen carbonate, Ph. Eur., USP grade

Product Details

Product Name	Sodium hydrogen carbonate, Ph. Eur., USP grade
Glenthams Code	GE9811
CAS Number	144-55-8
EINECS	205-633-8
MDL-Nummer	MFCD00003528
Related Categories	Biochemicals, Buffers, Analytical Reagents

Structure

Molecular Weight	: 84.01
Molecular Formula	: NaHCO ₃



Physical Description	: White or almost white crystalline powder
Identification	: To conform to Ph. Eur., USP tests
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: ≤ 8.6 (freshly prepared soln.)
Chlorides	: ≤ 150ppm
Sulphates	: ≤ 150ppm
Ammonium	: ≤ 20ppm
Arsenic (As)	: ≤ 2ppm
Calcium (Ca)	: ≤ 100ppm
Iron (Fe)	: ≤ 20ppm
Heavy Metals	: ≤ 10ppm
Normal Carbonate	: To pass USP test
Loss on Drying	: ≤ 0.25%
Assay	: 99.0 - 101.0 %
Pharmacopoeia Specification(s)	: Ph. Eur., USP
Version	: v1.0

About Sodium hydrogen carbonate, Ph. Eur., USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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