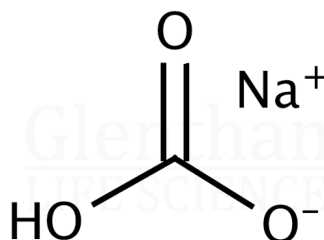


Certificate of Analysis

Product Name	Sodium hydrogen carbonate, Ph. Eur., USP grade
Glenthams Code	GE9811
CAS Number	144-55-8
EINECS	205-633-8
MDL Number	MFCD00003528
Batch Number	685GPK
Molecular Weight	84.01
Molecular Formula	NaHCO ₃
Storage Temp.	+20°C



Property	Specification	Batch 685GPK
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification	To conform to Ph. Eur., USP tests	Conforms
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (5% in water)	≤ 8.6 (freshly prepared soln.)	8.6
Chlorides	≤ 150ppm	Conforms
Sulphates	≤ 150ppm	Conforms
Ammonium	≤ 20ppm	Conforms
Arsenic (As)	≤ 2ppm	Conforms
Calcium (Ca)	≤ 100ppm	Conforms
Iron (Fe)	≤ 20ppm	Conforms
Heavy Metals	≤ 10ppm	Conforms
Normal Carbonate	To pass USP test	Conforms
Assay	99.0 - 101.0 %	99.9%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Conforms

Specification Version	v1.0
Manufacture Date	2021-12-27
Re-Test Date	2025-03-01

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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