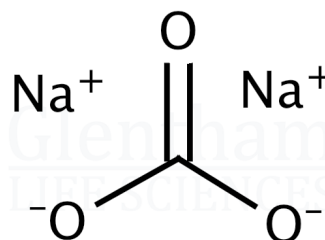


## Certificate of Analysis

Product Name	Sodium carbonate, anhydrous, 99.5 - 100.5 %, BP, Ph. Eur., NF grade
Glentham Code	GK4950
CAS Number	497-19-8
EINECS	207-838-8
MDL Number	MFCD00003494
Batch Number	468EZC
Molecular Weight	105.99
Molecular Formula	Na <sub>2</sub> CO <sub>3</sub>
Storage Temp.	+20°C



Property	Specification	Batch 468EZC
Physical Description	White or almost white, slightly granular powder	White, slightly granular powder
Identification	To pass EP tests A, D	Conforms
Identification	To pass tests for: Sodium, Carbonate	Conforms
Appearance of Solution	To pass test	Conforms
Alkali hydroxides and bicarbonates	To pass test	Conforms
Chlorides	≤ 125ppm	Conforms
Sulphate	≤ 250ppm	Conforms
Iron (Fe)	≤ 50ppm	Conforms
Arsenic (As)	≤ 5ppm	0.1ppm
Heavy Metals (as Pb)	≤ 50ppm	0.2ppm
Loss on Drying	≤ 0.5% (NF)	0.01%
Loss on Drying	≤ 1.0% (BP, EP)	0.06%
Assay (Titration)	99.5 - 100.5 % (dried substance)	99.9%
Pharmacopoeia Specification(s)	BP, Ph. Eur., NF	Conforms

Specification Version	v1.0
Manufacture Date	2022-10-31
Re-Test Date	2030-05-05

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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