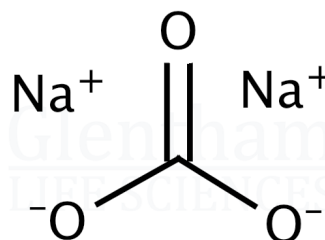


Certificate of Analysis

| | |
|-------------------|---|
| 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 ₂ CO ₃ |
| 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 or contact us using the details above for the current version of this document.

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