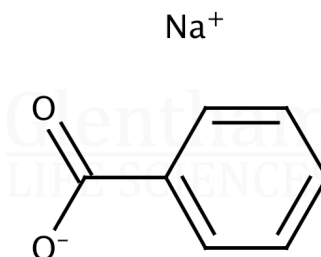


Certificate of Analysis

| | |
|-------------------|------------------------|
| Product Name | Sodium benzoate, 99.5% |
| Glentham Code | GK4323 |
| CAS Number | 532-32-1 |
| EINECS | 208-534-8 |
| MDL Number | MFCD00012463 |
| PubChem SID | 310280068 |
| Batch Number | 184GCS |
| Molecular Weight | 144.11 |
| Molecular Formula | $C_7H_5NaO_2$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 184GCS |
|-----------------------------|-------------------------------|--------------------------|
| Physical Description | White powder or fine granules | White crystalline powder |
| Identification | To pass tests | Conforms |
| Solubility (10% in water) | Clear, colourless solution | Conforms |
| Loss on Drying | ≤ 1.0% | 0.2% |
| Chloride (Cl) | ≤ 50ppm | Conforms |
| Sulphate (SO ₄) | ≤ 50ppm | Conforms |
| Antimony (Sb) | ≤ 1ppm | Conforms |
| Arsenic (As) | ≤ 1ppm | Conforms |
| Bismuth (Bi) | ≤ 1ppm | Conforms |
| Cadmium (Cd) | ≤ 1ppm | Conforms |
| Cobalt (Co) | ≤ 1ppm | Conforms |
| Chromium (Cr) | ≤ 1ppm | Conforms |
| Copper (Cu) | ≤ 1ppm | Conforms |
| Iron (Fe) | ≤ 1ppm | Conforms |
| Lead (Pb) | ≤ 1ppm | Conforms |
| Mercury (Hg) | ≤ 0.1ppm | Conforms |
| Nickel (Ni) | ≤ 1ppm | Conforms |
| Tin (Sn) | ≤ 1ppm | Conforms |
| Zinc (Zn) | ≤ 1ppm | Conforms |
| Heavy Metals | ≤ 10ppm | Conforms |
| Phthalic acid | ≤ 50ppm | Conforms |
| Assay | 99.5 - 100.5 % | 99.99% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2021-08-02 |
| Re-Test Date | 2031-02-09 |

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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