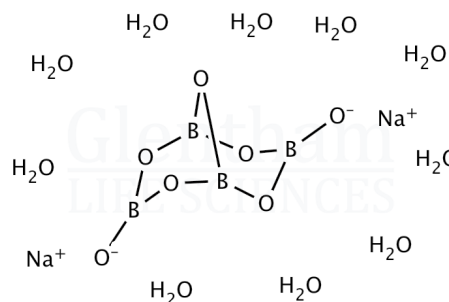


## Product Specification

|                   |  |
|-------------------|--|
| Product Name      | Sodium tetraborate decahydrate, EP grade                     |
| Glentham Code     | GB8919   |
| CAS Number        | 1303-96-4  |
| EINECS            | 215-540-4  |
| MDL Number        | MFCD00149193   |
| Additional CAS    | 1330-43-4 (anhydr.)  |
| Molecular Weight  | 381.37   |
| Molecular Formula | $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ |
| Storage Temp.     | +20°C  |



| Property                       | Specification                        |
|--------------------------------|--------------------------------------|
| Physical Description           | White crystals or crystalline powder |
| Identification                 | A, B, C according to EP              |
| Solubility (4% in water)       | Clear, colourless solution           |
| pH                             | 9.0 - 9.6                            |
| Sulfate                        | ≤ 50ppm                              |
| Ammonium                       | ≤ 10ppm                              |
| Arsenic                        | ≤ 5ppm                               |
| Calcium                        | ≤ 100ppm                             |
| Heavy Metals                   | ≤ 25ppm                              |
| Assay (Titration)              | 99.0 - 103.0 %                       |
| Pharmacopoeia Specification(s) | EP                                   |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2020-09-14 |

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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