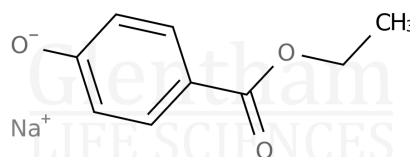


## Certificate of Analysis

|                   |   |
|-------------------|---|
| Product Name      | Ethyl 4-hydroxybenzoate sodium salt, Ph. Eur. grade |
| Glentham Code     | GK5881  |
| CAS Number        | 35285-68-8  |
| EINECS            | 252-487-6   |
| Batch Number      | 287MBV  |
| Molecular Weight  | 188.16  |
| Molecular Formula | $C_9H_9NaO_3$                                       |
| Storage Temp.     | +20°C   |



| Property                       | Specification                             | Batch 287MBV               |
|--------------------------------|---|----------------------------|
| Physical Description           | White, or almost white crystalline powder | White crystalline powder   |
| Identification                 | A, B, C, D, E according to Ph. Eur.       | Conforms                   |
| Solubility (10% in water)      | Clear, colourless solution                | Clear, colourless solution |
| pH (1% in water)               | 9.5 - 10.5                                | 9.89                       |
| Impurity A                     | ≤ 4.0%                                    | Conforms                   |
| Any Individual Impurity        | ≤ 0.5%                                    | Conforms                   |
| Chlorides                      | ≤ 350ppm                                  | Conforms                   |
| Sulphates                      | ≤ 300ppm                                  | Conforms                   |
| Heavy Metals                   | ≤ 10ppm                                   | Conforms                   |
| Water                          | ≤ 5.0%                                    | 1.11%                      |
| Assay                          | 95.0 - 102.0 % (anhydrous basis)          | 99.56%                     |
| Pharmacopoeia Specification(s) | Ph. Eur.                                  | Conforms                   |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2019-12-13 |
| Re-Test Date          | 2028-02-14 |

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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