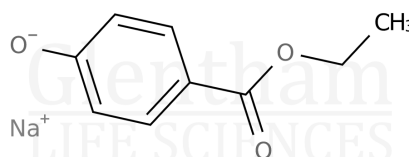


Certificate of Analysis

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

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