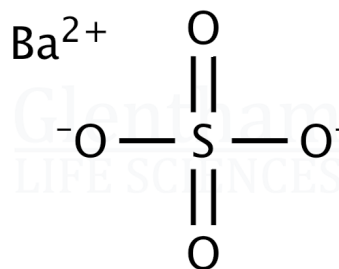


## Certificate of Analysis

|                   |                               |
|-------------------|-------------------------------|
| Product Name      | Barium sulfate, EP, USP grade |
| Glentham Code     | GK8677                        |
| CAS Number        | 7727-43-7                     |
| EINECS            | 231-784-4                     |
| MDL Number        | MFCD00003455                  |
| PubChem SID       | 310267264                     |
| Batch Number      | 233WQS                        |
| Molecular Weight  | 233.40                        |
| Molecular Formula | BaSO <sub>4</sub>             |
| Storage Temp.     | +20°C                         |



| Property                         | Specification        | Batch 233WQS |
|----------------------------------|----------------------|--------------|
| Physical Description             | White powder         | White powder |
| Identification                   | According to EP, USP | Conforms     |
| pH                               | 5.0 - 8.0            | 6.3          |
| Heavy Metals                     | ≤ 10ppm              | Conforms     |
| Limit of Sulfide                 | According to USP     | Conforms     |
| Limit of Acid-Soluble Substances | ≤ 0.3%               | 0.1%         |
| Limit of Soluble Barium Salts    | ≤ 10ppm              | Conforms     |
| Acidity or Alkalinity            | According to EP      | Conforms     |
| Assay                            | 97.5 - 100.5 %       | 99.5%        |
| Pharmacopoeia Specification(s)   | EP, USP              | Conforms     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2020-03-03 |
| Re-Test Date          | 2033-09-29 |

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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