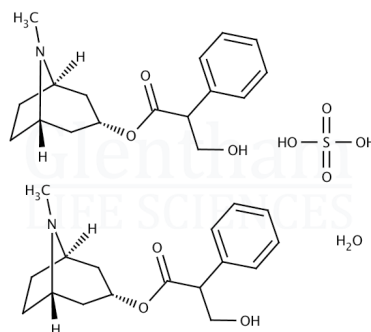


## Product Specification

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Product Name       | Atropine sulfate monohydrate                    |
| Glentham Code      | GP0750                                          |
| CAS Number         | 5908-99-6                                       |
| EINECS             | 200-104-8                                       |
| Numéro MDL         | MFCD00074815                                    |
| CAS supplémentaire | 55-48-1 (anhydrous)                             |
| PubChem SID        | 310267113                                       |
| Molecular Weight   | 694.84                                          |
| Molecular Formula  | $(C_{17}H_{23}NO_3)_2 \cdot H_2SO_4 \cdot H_2O$ |
| Storage Temp.      | +4°C                                            |



| Property                       | Specification                    |
|--------------------------------|----------------------------------|
| Physical Description           | White crystalline powder         |
| Assay                          | 98.5 - 101.5 % (anhydrous basis) |
| Identification                 | IR                               |
|                                | Sulfate test                     |
| Residue on Ignition            | ≤ 0.2%                           |
| Organic Impurities             | Other alkaloids: Conforms to USP |
| Melting Point                  | ≥ 187.0°C                        |
| Specific Optical Rotation      | -0.60 - +0.05 °                  |
| Acidity                        | ≤ 0.3ml                          |
| Water                          | ≤ 4.0%                           |
| Pharmacopoeia Specification(s) | USP                              |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2014-07-31 |

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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