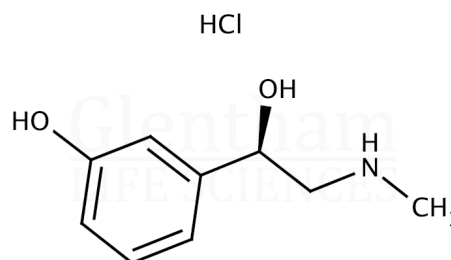


Product Specification

| | |
|-------------------|--|
| Product Name | (R)-(-)-Phenylephrine hydrochloride, USP grade |
| Glentham Code | GL0912 |
| CAS Number | 61-76-7 |
| EINECS | 200-517-3 |
| Molecular Weight | 203.67 |
| Molecular Formula | $C_9H_{13}NO_2 \cdot HCl$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------------|---------------------------|
| Physical Description | White to off-white powder |
| Identification | A, B according to USP |
| Loss on Drying | ≤ 1.0% |
| Residue on Ignition | ≤ 0.2% |
| Chloride (Cl) | ≤ 0.2% |
| Individual Organic Impurities | ≤ 0.5% |
| Total Organic Impurities | ≤ 1.0% |
| Specific Optical Rotation | -42 - -47.5 ° |
| Assay | 97.5 - 102.0 % |
| Pharmacopoeia Specification(s) | USP |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2017-04-13 |

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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