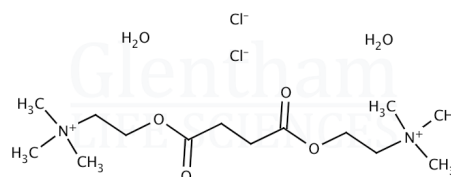


Product Specification

| | |
|----------------|---|
| Product Name | Succinylcholine chloride dihydrate, USP grade |
| Glentham Code | GL2310 |
| CAS Number | 6101-15-1 |
| EINECS | 200-747-4 |
| MDL Number | MFCD00150564 |
| Additional CAS | 71-27-2 (anhydrous) |

| | |
|-------------------|--------------------------------------|
| Molecular Weight | 397.34 |
| Molecular Formula | $C_{14}H_{30}Cl_2N_2O_4 \cdot 2H_2O$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------------|--------------------------------------|
| Physical Description | White crystalline powder |
| Identification (IR) | To conform to standard |
| Identification (HPLC) | To conform to standard |
| Identification (TLC) | To pass test |
| Water | ≤ 10.0% |
| Residue on Ignition | ≤ 0.02% |
| Succinic acid | ≤ 0.1% |
| Succinylmonocholine chloride | ≤ 0.4% |
| Double Peaks | ≤ 0.4% |
| Any Other Individual Impurity | ≤ 0.2% |
| Choline | ≤ 0.3% |
| Total Impurities | ≤ 1.5% (tests 1 + 2) |
| Chloride (Cl) | 19.3 - 19.8 % (anhydrous basis) |
| Residual Solvents | Reported |
| Assay | 96.0 - 102.0 % (anhydrous substance) |
| Pharmacopoeia Specification(s) | USP |

| | |
|-----------------------|--------------|
| Specification Version | - v1.0 |
| Date Created | - 2019-05-01 |

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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