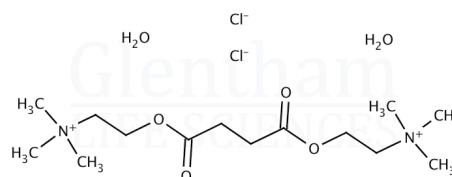


## Certificate of Analysis

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)
Batch Number	146UGQ
Molecular Weight	397.34
Molecular Formula	$C_{14}H_{30}Cl_2N_2O_4 \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 146UGQ
Physical Description	White crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Identification (HPLC)	To conform to standard	Conforms
Identification (TLC)	To pass test	Conforms
Water	≤ 10.0%	9.6%
Residue on Ignition	≤ 0.02%	Conforms
Succinic acid	≤ 0.1%	Not detected
Succinylmonocholine chloride	≤ 0.4%	Not detected
Double Peaks	≤ 0.4%	Not detected
Any Other Individual Impurity	≤ 0.2%	Not detected
Choline	≤ 0.3%	0.24%
Total Impurities	≤ 1.5% (tests 1 + 2)	0.51%
Chloride (Cl)	19.3 - 19.8 % (anhydrous basis)	19.6%
Residual Solvents	Reported	Ethanol: 232ppm, Isopropanol, Xylene and Toluene: Not detected
Assay	96.0 - 102.0 % (anhydrous substance)	99.8%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2022-01-15
Re-Test Date	2029-01-17

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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