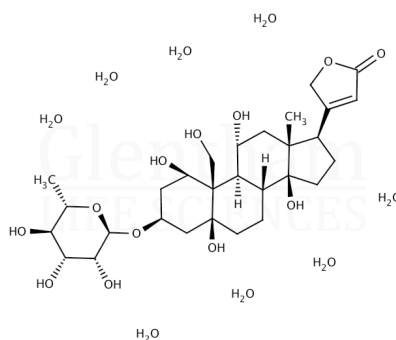


Certificate of Analysis

Product Name Ouabain octahydrate, EP grade
Glentham Code GC9218
CAS Number 11018-89-6
EINECS 211-139-3
MDL Number MFCD00149240
PubChem SID 310278396
Additional CAS 630-60-4
Batch Number 078QFG

Molecular Weight 728.78
Molecular Formula $C_{29}H_{44}O_{12} \cdot 8H_2O$
Storage Temp. +20°C



Property	Specification	Batch 078QFG
Physical Description	A white or almost white, crystalline powder or colourless crystals	Conforms
Identification	A, B, C, D according to EP	Conforms
Solubility (1% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation	-30.0 - -33.0 ° (c=1, water, anhydrous basis)	-30.9°
Related Substances (TLC)	To pass test	Conforms
Alkaloids and Strophanthin-K	To pass test (no ppt. formed)	Conforms
Water	18.0 - 22.0 %	19.6%
Sulphated Ash	≤ 0.1%	0.07%
Purity (HPLC)	≥ 96.0%	98.3%
Assay	96.0 - 104.0 % (anhydrous substance)	98.9%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0
Manufacture Date 2025-01-15
Re-Test Date 2029-12-10

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025