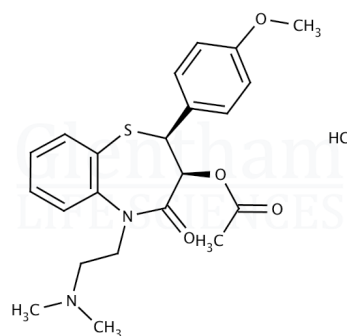


Certificate of Analysis

Product Name Diltiazem hydrochloride
Glentham Code GP1599
CAS Number 33286-22-5
EINECS 251-443-3
MDL Number MFCD00069252
PubChem SID 310271898
Additional CAS 42399-41-7
Batch Number 574ZEQ

Molecular Weight 450.98
Molecular Formula $C_{22}H_{26}N_2O_4S \cdot HCl$
Storage Temp. +4°C



Property	Specification	Batch 574ZEQ
Physical Description	White to off-white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless to pale yellow solution	Clear, colourless solution
Melting Point	209.0 - 215.0 °C	211.0 - 213.6 °C
Assay	98.0 - 102.0 % (dried basis)	99.4%

Specification Version v1.0
Manufacture Date 2017-11-01
Re-Test Date 2028-12-03

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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