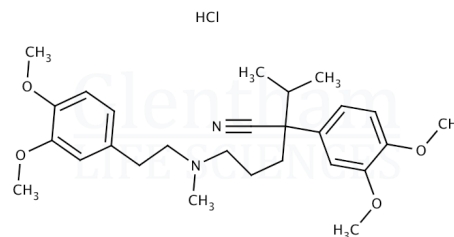


Certificate of Analysis

Product Name	Verapamil hydrochloride
Glentham Code	GP4575
CAS Number	152-11-4
EINECS	205-800-5
MDL Number	MFCD00055208
PubChem SID	310281673
Additional CAS	23313-68-0
Additional CAS	52-53-9
Batch Number	581JHT

Molecular Weight	491.07
Molecular Formula	$C_{27}H_{38}N_2O_4 \cdot HCl$
Storage Temp.	+4°C



Property	Specification	Batch 581JHT
Physical Description	White to almost white powder	White powder
Solubility (5% in methanol)	Clear to faintly turbid, colourless solution	Clear, colourless solution
Melting Point	138 - 145 °C	140 - 142 °C
Assay	≥ 98.0%	99.5%

Specification Version	v1.0
Manufacture Date	2019-10-01
Re-Test Date	2029-09-30

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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