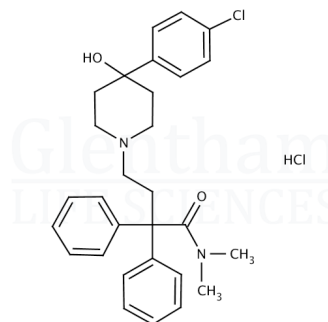


Certificate of Analysis

Product Name	Loperamide hydrochloride
Glentham Code	GP1101
CAS Number	34552-83-5
EINECS	252-082-4
MDL Number	MFCD00058581
PubChem SID	310275861
Additional CAS	53179-11-6 (base)
Batch Number	425MTO

Molecular Weight	513.51
Molecular Formula	$C_{29}H_{33}ClN_2O_2 \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 425MTO
Physical Description	White to almost white powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (2% in chloroform)	Clear, colourless solution	Clear, colourless solution
Melting Point	222.0 - 230.0 °C	223.2 - 225.1 °C
Assay	≥ 98.0% (dried basis)	99.84%

Specification Version	v1.0
Manufacture Date	2021-05-20
Re-Test Date	2030-09-22

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