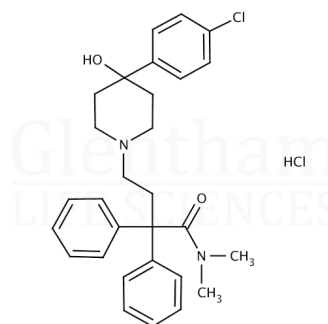


Certificate of Analysis

Product Name Loperamide hydrochloride, USP
Glentham Code GP1953
CAS Number 34552-83-5
EINECS 252-082-4
MDL Number MFCD00058581
Additional CAS 53179-11-6 (base)
Batch Number 063RDE

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



Property	Specification	Batch 063RDE
Physical Description	White to almost white powder	Almost white powder
Identification (IR)	To conform to standard	Conforms
Identification	To pass test B according to USP	Conforms
Residue on Ignition	≤ 0.2%	≤ 0.1%
Loss on Drying	≤ 0.5%	0.3%
Organic Impurities	According to USP	Conforms
Total Impurities	≤ 0.3%	≤ 0.1%
Assay (HPLC)	98.0 - 102.0 % (on dried basis)	99.9%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2023-01-30
Re-Test Date 2030-02-16

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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