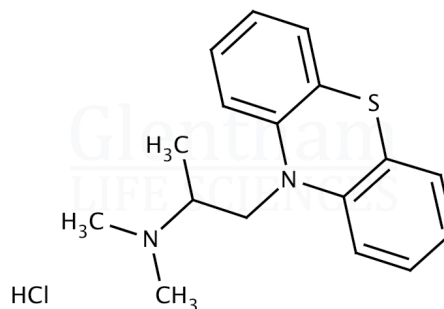


Certificate of Analysis

Product Name Promethazine hydrochloride
Glentham Code GP6310
CAS Number 58-33-3
EINECS 200-375-2
MDL Number MFCD00012652
PubChem SID 310279268
Additional CAS 60-87-7
Batch Number 149IZT

Molecular Weight 320.88
Molecular Formula $C_{17}H_{20}N_2S \cdot HCl$
Storage Temp. +4°C



Property	Specification	Batch 149IZT
Physical Description	White to off-white powder	Off-white powder
Identification	According to USP	Conforms
Solubility (10% in water)	Clear, colourless to pale yellow solution	Clear, colourless solution
pH (5% in water)	4.0 - 5.0	4.42
Residue on Ignition	≤ 0.1%	Conforms
Any Individual Impurity	≤ 1.0% (TLC)	Conforms
Total Impurities	≤ 2.0% (TLC)	Conforms
Loss on Drying	≤ 0.5%	0.2%
Assay	98.0 - 101.5 % (dried basis)	99.7%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2022-02-07
Re-Test Date 2030-03-03

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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