

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

Certificate of Analysis

Product Name Promethazine hydrochloride
Glentham Code GP6310

 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
 383MPK

Batch Number 383MPK

Molecular Weight 320.88

Molecular Formula $C_{17}H_{20}N_2S\cdot HCI$

Storage Temp. +4°C

H₃C N CH₃

Specification Batch 383MPK Property Physical Description White to off-white powder 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 4.7 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% 98.0 - 101.5 % (dried basis) 100.6% Assay Pharmacopoeia Specification(s) **USP** Conforms

Specification Version v1.0

Manufacture Date 2024-12-03

Re-Test Date 2033-01-02

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

Page 1 of 1 Printed: 2025-05-03 03:32:29