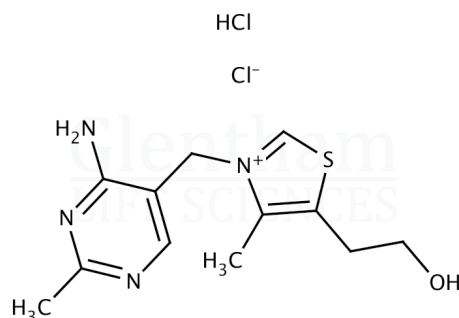


## Product Specification

Product Name	Thiamine hydrochloride, USP grade
Glentham Code	GP8217
CAS Number	67-03-8
EINECS	200-641-8
MDL Number	MFCD00012780
Additional CAS	59-43-8

Molecular Weight	337.28
Molecular Formula	$C_{12}H_{17}ClN_4OS \cdot HCl$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to almost white powder
Identification (IR)	To conform to standard
pH	2.7 - 3.4
Absorbance of Solution	≤ 0.025
Limit of Nitrate	To pass test
Residue on Ignition	≤ 0.2%
Chromatographic Purity	≤ 1.0%
Water (KF)	≤ 5.0%
Assay	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2022-03-24

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](http://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