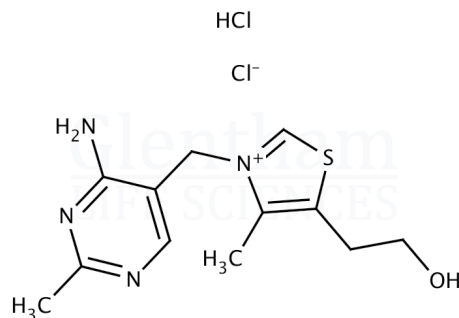


Product Specification

Product Name	Thiamine hydrochloride, Ph. Eur. grade
Glenthams Code	GP0613
CAS Number	67-03-8
EINECS	200-641-8
MDL Number	MFCD00012780
PubChem SID	310280851
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 crystalline powder
Identification	To conform to tests A, B, C
Solubility (5% in water)	Clear, colourless solution (\leq Y7 or GY7)
pH (2.5% in water)	2.7 - 3.3
Sulphates	\leq 300ppm
Impurity A	\leq 0.15%
Impurity B	\leq 0.3%
Impurity C	\leq 0.15%
Any Unspecified Impurity	\leq 0.1%
Total Impurities	\leq 0.5%
Heavy Metals	\leq 20ppm
Sulphated Ash	\leq 0.1%
Water	\leq 5.0%
Assay	99.0 - 101.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	- v1.2
Date Created	- 2021-07-20

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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