

Product Datasheet

GP8217 - Thiamine hydrochloride,

USP grade

Product Details

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
Related Categories	APIs, Biochemicals, Vitamins, Raw Materials (IVD), Reagents for Gel Electrophoresis of Proteins

Glentham Product Specification

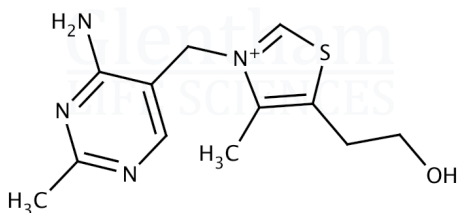
Physical Description	: White to almost white powder
Identification (IR)	: To conform to standard
pH	: 2.7 - 3.4
Absorbance of Solution	: ≤ 0.025
Limit of Nitrate	: To pass test
Residue on Ignition	: $\leq 0.2\%$
Chromatographic Purity	: $\leq 1.0\%$
Water (KF)	: $\leq 5.0\%$
Assay	: 98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

Structure

Molecular Weight	: 337.28
Molecular Formula	: $C_{12}H_{17}ClN_4OS \cdot HCl$

HCl

Cl⁻



About Thiamine hydrochloride, USP grade

Thiamine, also known as vitamin B1, is an essential micronutrient needed for carbohydrate metabolism. This product is the hydrochloric salt form of thiamine.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

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