

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

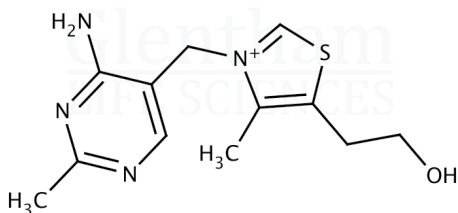
Physical Description	: White to almost white powder
Identification (IR)	: To conform to standard
pH	: 2.7 - 3.4
Absorbance of Solution	: ≤ 0.025
Limit of Nitrate	: To pass test
Residue on Ignition	: $\leq 0.2\%$
Chromatographic Purity	: $\leq 1.0\%$
Water (KF)	: $\leq 5.0\%$
Assay	: 98.0 - 102.0 % (anhydrous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



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

About Thiamine hydrochloride, USP grade

No further details on record.

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