

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

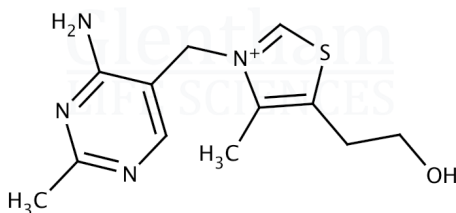
| | |
|--------------------------------|------------------------------------|
| Physical Description | : White to almost white powder |
| Identification (IR) | : To conform to standard |
| pH | : 2.7 - 3.4 |
| Absorbance of Solution | : ≤ 0.025 |
| Limit of Nitrate | : To pass test |
| Residue on Ignition | : $\leq 0.2\%$ |
| 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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