

Product Datasheet

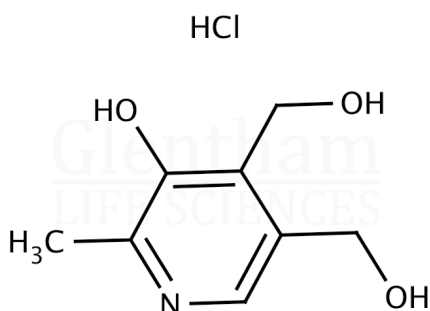
GE7948 - Pyridoxine hydrochloride, EP, USP grade

Product Details

| | |
|--------------------|---|
| Product Name | Pyridoxine hydrochloride, EP, USP grade |
| Glenthams Code | GE7948 |
| CAS Number | 58-56-0 |
| EINECS | 200-386-2 |
| MDL Number | MFCDD00012807 |
| Additional CAS | 65-23-6 (free base) |
| PubChem SID | 310279451 |
| Related Categories | Biochemicals, Vitamins, Cosmetic Raw Materials |

Structure

| | |
|-------------------|-----------------------------|
| Molecular Weight | : 205.64 |
| Molecular Formula | : $C_8H_{11}NO_3 \cdot HCl$ |



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glenthams Product Specification

| | |
|--------------------------------|---|
| Physical Description | : White to almost white crystalline powder |
| Identification | : According to EP, USP |
| Solubility (5% in water) | : Clear, colourless solution |
| pH (5% in water) | : 2.4 - 3.0 |
| Loss on Drying | : ≤ 0.5% |
| Residue on Ignition | : ≤ 0.1% |
| Heavy Metals | : ≤ 20ppm |
| Lead (Pb) | : ≤ 2ppm |
| Mercury (Hg) | : ≤ 1ppm |
| Cadmium (Cd) | : ≤ 1ppm |
| Arsenic (As) | : ≤ 2ppm |
| Related Substances | : 5-(hydroxymethyl)-2,4-dimethylpyridin-3-ol: ≤ 0.15% |
| | : Unspecified Impurity: ≤ 0.10% |
| | : Total: ≤ 0.2% |
| Melting Point | : ≥ 200.0°C (decomposition) |
| Chloride (Cl) | : 16.9 - 17.6 % |
| Assay (non-aqueous titration) | : 99.0 - 101.0 % (dried basis) |
| Pharmacopoeia Specification(s) | : EP, USP |
| Assay (HPLC) | : 98.0 - 102.0 % (dried basis) |
| Version | : v1.2 |

About Pyridoxine hydrochloride, EP, USP grade

No further details on record.

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