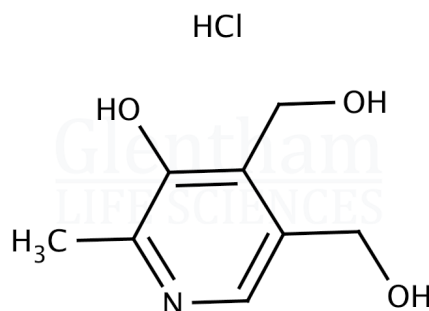


Product Specification

Product Name	Pyridoxine hydrochloride, EP, USP grade
Glentham Code	GE7948
CAS Number	58-56-0
EINECS	200-386-2
MDL Number	MFCD00012807
Additional CAS	65-23-6 (free base)
PubChem SID	310279451
Molecular Weight	205.64
Molecular Formula	$C_8H_{11}NO_3 \cdot HCl$
Storage Temp.	+20°C



Property	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 (HPLC)	98.0 - 102.0 % (dried basis)
Assay (non-aqueous titration)	99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.2
Date Created	-	2023-08-21

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

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