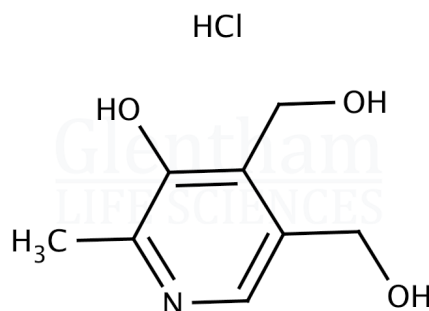


## Certificate of Analysis

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
Batch Number	902TWD
Molecular Weight	205.64
Molecular Formula	$C_8H_{11}NO_3 \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 902TWD
Physical Description	White to almost white crystalline powder	Conforms
Identification	According to EP, USP	Conforms
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	2.4 - 3.0	2.7
Loss on Drying	≤ 0.5%	0.3%
Residue on Ignition	≤ 0.1%	0.03%
Heavy Metals	≤ 20ppm	Conforms
Lead (Pb)	≤ 2ppm	≤ 2ppm
Mercury (Hg)	≤ 1ppm	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm	≤ 1ppm
Arsenic (As)	≤ 2ppm	≤ 1ppm
Related Substances	5-(hydroxymethyl)-2,4-dimethylpyridin- 3-ol: ≤ 0.07% 0.15%	
	Unspecified Impurity: ≤ 0.10%	0.02%
	Total: ≤ 0.2%	0.1%
Melting Point	≥ 200.0°C (decomposition)	204.0°C
Chloride (Cl)	16.9 - 17.6 %	17.4%
Assay (HPLC)	98.0 - 102.0 % (dried basis)	99.1%
Assay (non-aqueous titration)	99.0 - 101.0 % (dried basis)	99.4%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.2
Manufacture Date	2023-04-02
Re-Test Date	2032-03-16

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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