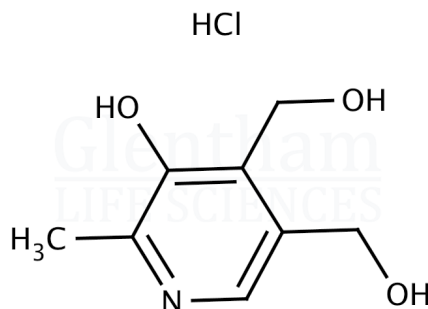


Certificate of Analysis

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	644ZLE
Molecular Weight	205.64
Molecular Formula	$C_8H_{11}NO_3 \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 644ZLE
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification	According to EP, USP	Conforms
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (5% in water)	2.4 - 3.0	2.7
Loss on Drying	≤ 0.5%	0.1%
Residue on Ignition	≤ 0.1%	Conforms
Heavy Metals	≤ 20ppm	≤ 10ppm
Lead (Pb)	≤ 2ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Arsenic (As)	≤ 2ppm	Conforms
Related Substances	5-(hydroxymethyl)-2,4-dimethylpyridin- 3-ol: ≤ 0.0% 0.15%	
	Unspecified Impurity: ≤ 0.10%	Conforms
	Total: ≤ 0.2%	≤ 0.1
Melting Point	≥ 200.0°C (decomposition)	203.8°C
Chloride (Cl)	16.9 - 17.6 %	17.2%
Assay (HPLC)	98.0 - 102.0 % (dried basis)	99.9%
Assay (non-aqueous titration)	99.0 - 101.0 % (dried basis)	99.6%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.2
Manufacture Date	2024-09-11
Re-Test Date	2034-01-02

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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