

CERTIFICATE OF ANALYSIS

PO NUMBER: 2024000861

Product name: Vitamin B₆ (Pyridoxine Hydrochloride)

Batch No.: PH24057047

Manufacturing date	May 22, 2024	Reporting date	May 28, 2024
Retest date	May 21, 2028	Article No.	03103
Package	25 kg per drum	Package size	Φ360 × 420 (mm)
Ref. pharmacopoeia(s)	BP2024, USP2024	Quantity	1,500 kg

Test Item	Specification	Result
Appearance	A white or almost white crystalline powder	Comply
Melting point	About 205℃	204.6℃
Identification	B: IR absorption; D: Reaction (a) of chlorides	Comply
Appearance of solution	Clear, not more intense than Y ₇	Comply
pH	2.4 ~ 3.0	2.7
BP2024	Loss on drying	≤0.5%
	Sulphated ash	≤0.1%
	Related substances	
	- Impurity B	≤0.15%
	- Unspecified impurity	≤0.10%
	- Total impurities	≤0.2%
	- Disregard limit: 0.05%	
USP2024	Assay (on dry basis)	99.0% ~ 101.0%
	Identification	A: IR absorption; B: Test of chloride
	Loss on drying	≤0.5%
	Residue on ignition	≤0.1%
	Residual solvent - Ethanol	≤0.5%
	Chloride	16.9% ~ 17.6%
	Assay (on dry basis)	98.0% ~ 102.0%
Conclusion: <i>This batch complies with the specification of BP2024 and USP2024.</i>		
Remark: Preserve in a tightly closed container, protected from light.		

Reported by: 刘勤兴

Approved by: 陈庆峰