



CERTIFICATE OF ANALYSIS

Product name: Vitamin B₆ (Pyridoxine Hydrochloride)

Batch No.: PH26013043

Manufacturing date	Jan 21, 2026	Reporting date	Jan 30, 2026
Retest date	Jan 20, 2030	Article No.	03103
Package	25 kg per drum	Package size	Φ360 × 420 (mm)
Ref. pharmacopoeia(s)	EP12, USP2025	Quantity	1,000 kg

Test Item	Specification	Result	
EP12	Appearance	A white or almost white crystalline powder	Comply
	Melting point	About 205 °C	204 °C
	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	2.6
	Loss on drying	≤0.5%	0.03%
	Sulphated ash	≤0.1%	0.03%
	Related substances		
	- Impurity B	≤0.15%	Not detected
	- Unspecified impurity	≤0.10%	<0.05%
	- Total impurities	≤0.2%	<0.05%
- Disregard limit: 0.05%			
Assay (on dry basis)	99.0% ~ 101.0%	99.9%	
USP2025	Identification	A: IR absorption; B: Test of chloride	Comply
	Loss on drying	≤0.5%	0.01%
	Residue on ignition	≤0.1%	0.03%
	Residual solvent - Ethanol	≤0.5%	<0.01%
	Chloride	16.9% ~ 17.6%	17.3%
	Assay (on dry basis)	98.0% ~ 102.0%	99.8%
Conclusion:	<i>This batch complies with the specification of EP12 and USP2025.</i>		
Remark:	Preserve in a tightly closed container, protected from light.		

Reported by: 刘勤兵

Approved by: 刘勤兵