



Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: Tuanjie South Road No.11, Hi-tech Zone, Xi'an China

Tel: +86-29-87551862/ 85875292

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## Certificate of Analysis

### Product Information

Product Name	Vitamin B6 (Pyridoxine Hydrochloride)	Analysis Date	2022.08.12
Batch NO.	VBP20220812	Report Date	2022.08.17
Manufacture Date	2022.08.12	Expiry Date	2024.08.11

Tests	Limits	Method	Test results
Description	A white or almost white crystalline powder	Visual	Conforms
Infrared absorption	Consistent with the reference IR spectra	USP	Consistent with the reference IR spectra
Reaction of chlorides	white curdy precipitate is formed with silver nitrate, the precipitate is insoluble in nitric acid but dissolves readily in ammonia.	USP	white curdy precipitate is formed with silver nitrate, the precipitate is insoluble in nitric acid but dissolves readily in ammonia.
Appearance of solution	Clear, not more intense than Y7	EP	Clear, not more intense than Y7
pH	2.4 ~ 3.0	EP	2.7
Loss on drying	NMT 0.5%	USP	0.07%
Residue on ignition	NMT 0.1%	USP	0.05%
Chloride	16.9% ~ 17.6%	USP	17.50%
Residual solvent - Ethanol	NMT 0.5%	USP	<0.03%
Related substances (Disregard limit: 0.05%)			
Impurity B	NMT 0.15%	EP	Comply
Unspecified Impurity	NMT 0.10%	EP	Comply
Total Impurities	NMT 0.2%	EP	Comply
Assay (on dry basis)	98.0% ~ 102.0%	USP	99.70%
Heavy metals			
Lead (Pb)	<0.5mg/kg	ICP-MS	Comply
Arsenic (As)	<0.5mg/kg	ICP-MS	Comply
Cadmium (Cd)	<0.5mg/kg	ICP-MS	Comply
Mercury (Hg)	<0.1mg/kg	ICP-MS	Comply
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	GB 4789.2	50cfu/g



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Yeast & Moulds	$\leq 100\text{cfu/g}$	GB 4789.15	10cfu/g
E-Coli	Negative	GB 4789.3	Conforms
Salmonella	Negative	GB 4789.4	Conforms

Conclusion: This batch was analyzed and found to meet the specifications as given above.

This material meets all requirements of the following valid compendia when tested accordingly:BP, EP, USP, FCC

**Remark:** Preserve in a tightly closed container, protected from light.

Tested by: 张丽娜

Checker: 李明

Approved:

