

CERTIFICATE OF ANALYSIS

Product Name: PYRIDOXINE HYDROCHLORIDE

Batch No.: Y03202312051

Manufacturing Date: Dec.12,2023

Reporting Date: Dec.15,2023

Expiry Date: Dec.11,2026

Quantity: 100KGS

Specification:BP2023/USP2023

Test Item	Specification	Result
Appearance	A white or almost white crystalline powder	Almost white crystalline powder
Identification	(1) should be positive reaction (2) Consistent with the reference IR spectra	(1) positive reaction (2) Consistent with the reference IR spectra
Appearance of solution	clear,not more intense than Y7	clear,not more intense than Y7
PH	2.4~3.0	2.7
Melting point	About205.0°C	205.7 °C
Heavy metals	NMT20ppm	< 20 ppm
Loss on drying	NMT 0.5%	0.14 %
Sulfated ash	NMT0.1%	0.06 %
Chloride content	16.9 ~ 17.6%	17.4 %
Related substances		
-Total impurities	NMT0.20%	0.017 %
-Unspecified impurities	NMT0.10%	0.011 %
-B impurity	NMT0.15%	ND
Residual solvent		
-Ethanol	NMT0.3%	< 0.3 %
Assay	99.0 ~ 101.0%	99.5 %

Conclusion:This batch complies with the specification of BP2023/USP2023