

# CERTIFICATE OF ANALYSIS

Product Name: PYRIDOXINE HYDROCHLORIDE

Batch No.: Y03202403080

Manufacturing Date: Mar.10,2024

Reporting Date: Mar.13,2024

Expiry Date: Mar.09,2027

Quantity: 500KGS

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	205.3 °C
Heavy metals	NMT20ppm	< 20 ppm
Loss on drying	NMT 0.5%	0.10 %
Sulfated ash	NMT0.1%	0.04 %
Chloride content	16.9 ~ 17.6%	17.0 %
Related substances		
-Total impurities	NMT0.20%	0.017 %
-Unspecified impurities	NMT0.10%	0.004 %
-B impurity	NMT0.15%	ND
Residual solvent		
-Ethanol	NMT0.3%	< 0.3 %
Assay	99.0 ~ 101.0%	99.6 %

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