



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Vitamin B1(thiamine hydrochloride)		
<b>Batch Number</b>	20230402	<b>Manufacture Date</b>	20230402
<b>Report Date</b>	20230402	<b>Expiry Date</b>	20250401
<b>Batch</b>	2000kg	<b>Specifications</b>	25 kg/carton

Item of Analysis	Specification	Results
Assay	98.5%~101.5%	99.1%
Colour and lustre	White	Conforms
Smell	Usually having a faint, peculiar smell	Conforms
State of organization	Crystalline or crystalline powder	Conforms
Melting point	Melt at about 248°C and decompose simultaneously	244.6-245.0 simultaneous decomposition after melting
Sulfide coloration	Conforms	Conforms
Chloride reaction	Conforms	Conforms
The solution color	Through the test	Through the test
Nitrate (20g/L solution)	Through the test	Through the test
Ph(25g/L solution)	2.7-3.4	2.9
Dry weight loss	≤5.0%	2.93%
Ignition residue	≤0.1%	0.03%
Lead(Pb)	≤2mg/Kg	<2mg/Kg
Arsenic(As)	≤2mg/Kg	<2mg/Kg
Conclusion	This batch of finished products conforms to GB14751-2010 standard	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat. Shelf Life: 24 months if store under the conditions above and stay in original packaging.