



## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Vitamin B5		<b>Manufacture Date:</b> 2023.06.15
<b>Batch No:</b> TA2023061548		<b>Analysis Date:</b> 2023.06.20
<b>Batch Quantity:</b> 600kg		<b>Expiration Date:</b> 2025.06.14
Items	Specifications	Results
Appearance	Off-White powder	Conform
Identification A:Infrared Absorption 197k	Concordant with the reference spectrum	Conform
B:A solution (1 in 20)responds to the tests for Calcium	Conform to USP 30	Conform
Specific optical rotation	+25.0°-+27.5°	+26.35°
Alkalinity	No pink color is produced within 5 seconds	Conform
Loss on drying	Not more than 5.0%	2.92%
Heavy metals	Not more than 0.002%	Conform
Ordinary impurities	Not more than 1.0%	Conform
Organic volatile impurities	Meet the requirements	Conform
Nitrogen content	5.7%-6.0%	5.73%
Content of calcium	8.2-8.6%	8.43%
Conclusion	Conform to USP30	
Storage condition	Store in cool & dry place, Do not freeze. Keep away from strong light and heat.	
Shelf life	2 years when properly stored	