



## CERTIFICATE OF ANALYSIS

Manufactured for	<b>NUTRALI</b>				
Name of product:	<b>BENFOTIAMINE</b>			<b>NPN</b>	<b>80127953</b>
Packaging Lot # :	M2400185/1	Master Packaging Record #		Expiry Date :	05/2027
		MPR	NT-N953-150-V0		
Manufacturing Lot # :	M2400185	Master Manufacturing Record #:		MFG Date:	06/2024
		MMR	NT-N953-V0		
Storage Conditions:	Store at room temperature ( R.T ), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	White colour in clear Vegetable "2" capsules.(Hypromellose)		150 count in Bottle-250cc-45/400 White HDPE Round		

Physical Tests:							
TESTES	Results	Specifications				Method	
		Low	Target	High	Strength		
Average Wt. of Capsules	295 mg	270	300	330	mg	USP <2091>	
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>	
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory	
Disintegration	04 mins	NMT 30 min				USP <2040>	
IDENTITY	Conforms	Conforms to standard				FTIR	
Quantity / Potency :	Results	Low	Target	High	Strength	Method	
By Quantitative Analysis							
Vitamin B1 (Thiamine,Benfotiamine)	100.38	mg	80.00	100.00	120.00	mg	JPL-015

**NON-MEDICINAL INGREDIENTS**

MCC, Magnesium Stearate Empty Clear Vegetable capsule Size "2"

PURITY:							
MICRO:	Results		Limits			Method	
	Total Plate Count	250 c.f.u./g		< 100,000 c.f.u / g			USP< 2021>/AOAC
Total Yeast	<10 c.f.u./g		< 10,000 c.f.u / g			USP< 2021>/AOAC	
Total Mold	10 c.f.u./g		< 10,000 c.f.u / g			USP< 2021>/AOAC	
E.Coli	Not Detected		Not Detected			USP< 2022>/AOAC	
Salmonella Spp	Not Detected		Not Detected			USP< 2022>/AOAC	
Staphylococcus Aureus	Not Detected		Not Detected			USP< 2022>/AOAC	
HEAVY METALS:	Results		Limits - 1 capsules / day			Method	
Arsenic	0.00005 mcg/kg b.w./day		< 0.14 mcg / kg b.w./day			ICP-MS	
Cadmium	0.000004 mcg/kg b.w./day		< 0.09 mcg / kg b.w./day			ICP-MS	
Lead	0.0002 mcg/kg b.w./day		< 0.14 mcg / kg b.w./day			ICP-MS	
Total Mercury	<0.00001 mcg/kg b.w./day		< 0.29 mcg / kg b.w./day			ICP-MS	

 Prepared by: JK June 26, 2024

 Approved by: [Signature] June 26, 2024  
 Quality Assurance

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