

CERTIFICATE OF ANALYSIS

Manufactured for		Nutrali						
Name of product:		L-Tyrosine			NPN		80137113	
Packaging Lot # :	M250006/1	Master Packaging Record #		Expiry Date :		02/2028		
		MPR	NT-N113-60-V0					
Manufacturing Lot # :	M2500006	Master Manufacturing Record #:		MFG Date:		03/2025		
		MMR	'NT-N113-V0					
Storage Conditions: Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.								
Physical Description:		White colour powder in empty clear Veg Capsule Size "00" 60 ct in 150cc bottle -38/400 white HDPE Round with cap 45/400 White HIS P/P ,top dot, Plain Liner.						
Physical Tests:								
TESTES		Results		Specifications				Method
				Low	Target	High	Strength	
Average Wt. of Capsules		717 mg		671	746	821	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		14 min		NMT 30		min		USP <2040>
IDENTITY		Conforms		Conforms to standard				FTIR
Quantity / Potency :		Results		Low	Target	High	Strength	Method
By Qualitative Analysis								
L-Tyrosine		576.00	mcg	480.00	600.00	720.00	mg	HPLC-UV
Purity:								
MICRO:		Results		Limits				Method
Total Plate Count		< 10 c.f.u /g		< 3,000 c.f.u / g				USP<2021/2022>
Total Yeast		< 10 c.f.u /g		< 300 c.f.u / g				USP<2021/2022>
Total Mold		< 10 c.f.u /g		< 300 c.f.u / g				USP<2021/2022>
E.Coli		Not Detected		Not Detected				USP<2021/2022>
Salmonella Spp		Not Detected		Not Detected				USP<2021/2022>
Staphylococcus Aureus		Not Detected		Not Detected				USP<2021/2022>
HEAVY METALS:		Results - 1 capsules /day		Limits				Method
Arsenic		<0.0002 mcg /kg b.w./day		< 0.14 mcg / kg b.w./day				ICP - MS
Cadmium		<0.0001 mcg /kg b.w./day		< 0.09 mcg / kg b.w./day				ICP - MS
Lead		0.0003 mcg /kg b.w./day		< 0.14 mcg / kg b.w./day				ICP - MS
Total Mercury		<0.0001 mcg /kg b.w./day		< 0.29 mcg / kg b.w./day				ICP - MS
Prepared by: <u>Js. Mar. 31.2025</u>		Approved by: <u>Yashna Mar. 31.2025</u> Quality Assurance						
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