

CERTIFICATE OF ANALYSIS

Manufactured for		Nutrali					
Name of product:		DIM		NPN	80137115		
Packaging Lot # :	M2500309/1	Master Packaging Record #		Expiry Date :	04/2028		
		MPR	NT-N115-60-V0				
Manufacturing Lot # :	M2500309	Master Manufacturing Record #:		MFG Date:	05/2025		
		MMR	'NT-N115-V0				
Storage Conditions: Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.							
Physical Description:		Off White Colour Powder In Empty Clear Vegetable Capsule Size "2" 60 count in Bottle-250cc -45/400 WHITE HDPERound ,Cap-45/400 white HIS P/P, ribbed, plain liner.					
Physical Tests:							
TESTES		Results		Specifications			
				Low	Target	High	Method
Average Wt. of Capsules		323 mg		297	330	363	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 min		NMT 30			USP <2040>
IDENTITY		Conforms		Conforms to standard			FTIR
Quantity / Potency :		Results		Low	Target	High	Method
By Qualitative Analysis							
DIM (3,3 Diindolylmethane)		211.70	mg	160.00	200.00	240.00	HPLC
NON-MEDICINAL INGREDIENTS		Microcrystalline cellulose 101, Magnesium Stearate - Vegetable grade, Empty Clear Vegetable Capsule Size "2" (Hypromellose)					
Purity:							
MICRO:		Results		Limits		Method	
Total Plate Count		20 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		Limits - 1 capsules /day		Method	
Arsenic		< 0.0001 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		0.0002 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	
Solvent residue		Complies		Meets USP requirements		USP/GC	
Pesticide Residue		Complies		Meets USP requirements		USP/GC	
Prepared by: <u>Saimihal June 18/2025</u>		Approved by: <u>E. Shergill June 18/2025</u>					
Quality Assurance							
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