



CERTIFICATE OF ANALYSIS

Manufactured for	Nutrali						
Name of product:	L-GLUTATHIONE						
Packaging Lot # :	M2400386/1	Master Packaging Record #		Expiry Date:	09/2027		
		MPR	NT-N532-60-V0				
Manufacturing Lot # :	M2400386	Master Manufacturing Record #:		MFG Date:	10/2024		
		MMR	NT-N532-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 Vegetable Capsule Size"00"			60 Count in Bottle-250cc 45/400 white HDPE round with Cap-45-400 White HIS P/P, ribbed top dot , plain liner.			
Physical Tests:							
TESTES	Results		Specifications				Method
	Low	Target	High	Strength			
Average Wt. of Capsules	824 mg		770	855	941	mg	USP <2091>
Weight variation	Conforms		Conforms as per USP weight variation +/- 10 %				USP <2091>
Disintegration	14 min		NMT 30			min	USP <2040>
IDENTITY	Conforms		Conforms to standard				FTIR
Quantity / Potency :	Results		Low	Target	High	Strength	Method
L-Glutathione	724.92	mg	560.00	700.00	840.00	mg	USP (Titration)
NON-MEDICINAL INGREDIENTS	Magnesium Stearate Vegetable Grade, Microcrystalline Cellulose, Empty Clear Vegetable Capsule Size "00"						
PURITY:							
MICRO TEST	Results		Limits			Method	
Total Plate Count	10 CFU /g		< 3000 c.f.u / g			USP< 2021>/AOAC	
Total Yeast	<10 CFU /g		< 300 c.f.u / g			USP< 2021>/AOAC	
Total Mold	<10 CFU /g		< 300 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:	Limits - 1 capsules / day		Limits			Method	
Arsenic	<0.0001 mcg /kg b.w./day		< 0.14 mcg / kg b.w./day			ICP - MS	
Cadmium	<0.00001 mcg /kg b.w./day		< 0.09 mcg / kg b.w./day			ICP - MS	
Lead	0.0001 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:	<i>Ashly Oct. 17-2024</i>			Approved by:			
				<i>Quality Oct 17, 2024</i> Quality Assurance			
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