

CERTIFICATE OF ANALYSIS							
Manufactured for	Nutrali						
Name of product:	D-Mannose				NPN	80120468	
Packaging Lot # :	M2500308/1	Master Packaging Record #		Expiry Date :	07/2028		
		MPR	NT-N468-120-V0				
Manufacturing Lot # :	M2500308	Master Manufacturing Record #:		MFG Date:	08/2025		
		MMR	NT-N468-V0				
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.						
Physical Description:	Pinkish powder in clear Veggie "00" capsules.			120 count in Bottle-250 cc-45/400 white HDPE Round with Cap-45-400 White HIS P/P,ribbed,plain liner.			
Physical Tests:							
	TESTES	Results		Specifications			Method
		Low	Target	High	Strength		
Average Wt. of Capsules	805 mg	785	872	959	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	13 mins	NMT 30				min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR	
Quantity / Potency :	Results		Low	Target	High	Strength	Method
By Qualitative Analysis							
D-Mannose	512.23	mg	400.00	500.00	600.00	mg	JPL-237.01 (HPLC)
Sorrel PE (10:1, 75 mg) (Hibiscus Sabdariffa) Leaf	7.50	mg	6.75	7.50	8.25	mg	Certified Input
Dandelion PE (10:1, 75mg) (Taraxicum Officinale) Root	7.50	mg	6.75	7.50	8.25	mg	Certified Input
Cranberry Juice Powder (Vaccinium Macrocarpon) Fruit	200.00	mg	180.00	200.00	220.00	mg	Certified Input
NON-MEDICINAL INGREDIENTS	Microcrystalline Cellulose, Magnesium Stearate - Vegetable grade, Silicon Dioxide, Empty Clear Vegetable Capsule						
PURITY:							
	MICRO TEST	Results		Limits			Method
Total Plate Count	50 CFU/g	< 100,000 c.f.u / g				USP<2021>/AOAC	
Total Yeast	<10 CFU/g	< 10,000 c.f.u / g				USP<2021>/AOAC	
Total Mold	<10 CFU/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-2 capsules /day			Method	
Arsenic	0.0007 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day				ICP-MS	
Cadmium	0.0004 mcg / kg b.w./day	< 0.09 mcg / kg b.w./day				ICP-MS	
Lead	0.0212 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day				ICP-MS	
Total Mercury	<0.0003 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:	<i>Sainihal Aug 29/2025</i>			Approved by: <i>I Shargav R Aug 29/2025</i>			
Quality Assurance							
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