

CERTIFICATE OF ANALYSIS								
Manufactured for	Nutrawave							
Name of product:	B-Complex							
Packaging Lot # :	VM2500280/1	Master Packaging Record #		Expiry Date :	07/2028			
		MPR	VNW-BC14-60-V0					
Manufacturing Lot # :	VM2500280	Master Manufacturing Record #		MFG Date:	08/2025			
		MMR	VNW-BC14-V0					
Storage Conditions:	Store at room temperature (R.T), in closed dry containers.							
Physical Description:	Yellowish colour powder in clear Vegetable "00 EL" capsules.			Pack: 60 count in Bottle-250cc- 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 Weight of Capsules	1048	mg	931	1034	1137	mg	USP <2091>	
Net Average Fill weight	908	mg	803	892	981	mg	USP <2091>	
Weight variation of Capsules	Conforms		Conforms as per USP weight variation +/- 10 %				USP <2091>	
Disintegration	15	min	NMT 30				min	USP <2040>
IDENTITY	Complies		>90% Correlation to standard				%	FTIR
Quantity / Potency :	Results		Low	Target	High	Strength	Method	
Vitamin B1 (as Thiamine HCl)	100.00	mg	90.00	100.00	150.00	mg	VN-IN-11	
Riboflavin (Vitamin B-2).	100.00	mg	90.00	100.00	150.00	mg	VN-IN-11	
Niacin (B3) (as Niacinamide)	100.00	mg	90.00	100.00	150.00	mg	VN-IN-11	
Pantothenic Acid from Vitamin B5 (D-Calcium Pantothenate)	100.00	mg	90.00	100.00	150.00	mg	VN-IN-11	
Vitamin B6 (as Pyridoxine HCl)	100.00	mg	90.00	100.00	150.00	mg	VN-IN-11	
Vitamin B7 (Biotin).	100.00	mcg	90.00	100.00	150.00	mcg	VN-IN-11	
Folic acid (Folate)	100.00	mcg	90.00	100.00	150.00	mcg	VN-IN-11	
Vitamin B12 ((as Cyanocobalamin).	100.00	mcg	90.00	100.00	150.00	mcg	VN-IN-11	
Myo-Inositol	100.00	mg	80.00	100.00	120.00	mg	VN-IN-11	
Choline (as Choline DL-Bitartrate)	100.00	mg	80.00	100.00	120.00	mg	VN-IN-11	
Strength & Purity								
Vitamin B1 (as Thiamine HCl)	103.95	mg	90.00	100.00	150.00	mg	JPL-152.00 (HPLC)	
Riboflavin (Vitamin B-2).	105.28	mg	90.00	100.00	150.00	mg	JPL-004.01 (HPLC)	
Niacin (B3) (as Niacinamide)	102.27	mg	90.00	100.00	150.00	mg	JPL-068.01 (HPLC)	
Pantothenic Acid from Vitamin B5 (D-Calcium Pantothenate)	102.2	mg	90.00	100.00	150.00	mg	JPL-018.01 (HPLC)	
Vitamin B6 (as Pyridoxine HCl)	102.15	mg	90.00	100.00	150.00	mg	JPL-026.00 (HPLC)	
Vitamin B7 (Biotin).	102.95	mcg	90.00	100.00	150.00	mcg	JPL-351.00 (HPLC)	

Folic acid (Folate)	102.43	mcg	90.00	100.00	150.00	mcg	JPL-174.00 (HPLC)
Vitamin B12 ((as Cyanocobalamin).	104.62	mcg	90.00	100.00	150.00	mcg	JPL-328.00 (HPLC)
Myo-Inositol	104.02	mg	80.00	100.00	120.00	mg	JPL-017.01 (HPLC)
Choline (as Choline DL-Bitartrate)	100.92	mg	80.00	100.00	120.00	mg	JPL-128.00 (UV)
OTHER INGREDIENTS	Rice powder,Magnesium stearate vegetable grade,Vegetable capsule						
Purity:							
MICRO: (USP/NF <2023>)	Results		Limits			Method	
Total Plate Count	80 cfu/g		< 3000 c.f.u / g			USP <2021/2022>	
Total Yeast & Mold	<10 cfu/g		< 300 c.f.u / g			USP <2021/2022>	
E.Coli	Negative		Negative / 10 g			USP <2021/2022>	
Salmonella Spp	Negative		Negative / 10 g			USP <2021/2022>	
Staphylococcus Aureus	Negative		Negative / 10 g			USP <2021/2022>	
HEAVY METALS: (USP/NF <2232>)	Results/1 Capsule		Limits - 1 capsule / day			Method	
Arsenic	<0.003 ppm		< 15 ppm			ICP-MS	
Cadmium	0.001 ppm		< 5 ppm			ICP-MS	
Lead	0.048 ppm		< 10 ppm			ICP-MS	
Mercury	0.002 ppm		< 15 ppm			ICP-MS	
Prepared by: <u>Navya</u> <u>oct 16/2023</u>							
Approved by: <u>P. Saritha</u> <u>oct 16/2023</u>							
Quality Assurance							
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