CERTIFICATE OF ANALYSIS

Manufactured for	**Mackisen**				
Name of product:	**Vitamin B6**			**NPN**	**80090479**
Packaging Lot # :	**M2500300/1**	**Master Packaging Record #**		**Expiry Date :**	**05/2028**
		MPR	**MA-N479-60-V0**		
Manufacturing Lot # :	**M2500300**	**Master Manufacturing Record #:**		**MFG Date:**	**06/2025**
		MMR	**MA-N479-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	White Color Powder In Empty Clear Veg Capsules Size"2"	60 count in Bottle-250CC-45/400 white HDPE Round with 45-400 White HIS P/P, Ribbed ,Plain liner			

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	415mg	378	420	462	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Disintegration	04 min	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Vitamin B6(Pyridoxine hydrochloride)	108.31	mg	90.000	100.000	150.000	mg	JPL- 026.00 (HPLC)

PURITY:

MICRO:	**Results**	**Limits**	**Method**
Total Plate Count	Complies	< 3000 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 capsule / day**	**Method**
Arsenic	0.0054 mcg/kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	0.0015 mcg/kg b.w./day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0006 mcg/kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	0.0002 mcg/kg b.w./day	< 0.29 mcg / kg b.w./day	ICP-MS
SOLVENT RESIDUES :	Complies	Meets USP requirements	USP/GC

Prepared by: Sainihal July/09/2025

Approved by: Bhargav B July/09/2025

Quality Assurance

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F.74-R1-P1 -01/2018

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NutraNorth

CERTIFICATE OF ANALYSIS

Manufactured for	**Mackisen**				
Name of product:	**Vitamin B6 100MG**			**NPN**	**80090479**
Packaging Lot # :	**M2500300/2**	**Master Packaging Record #**		**Expiry Date :**	**05/2028**
		MPR	**MA-N479-120-V0**		
Manufacturing Lot # :	**M2500300**	**Master Manufacturing Record #:**		**MFG Date:**	**06/2025**
		MMR	**MA-N479-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	White Color Powder In Empty Clear Veg Capsules Size"2"	120 count in Bottle-250 cc-45/400 white HDPE Round ,Cap-45-400 White HIS P/P, ribbed, plain liner.			

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	415	378	420	462	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Disintegration	04 MIN	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Vitamin B6(Pyridoxine hydrochloride)	108.31	mg	90.00	100.00	150.00	mg	JPL-375.00(ICP)

PURITY:

MICRO:	**Results**	**Limits**	**Method**
Total Plate Count	complies	< 3000 c.f.u / g	USP <2021/2022>
Total Yeast	< 10 c.f.u / g	< 300 c.f.u / g	USP <2021/2022>
Total Mold	50 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 capsule /day**	**Limits - 1 capsule / day**	**Method**
Arsenic	0.0054 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	0.0015 mcg / kg b.w./day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0006 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	0.0002 mcg / kg b.w./day	< 0.29 mcg / kg b.w./day	ICP-MS
SOLVENT RESIDUES :	Complies	Meets USP requirements	USP/GC

Prepared by: Scientist July 08/2025

Approved by: Bhargavi July 08/2025
Quality Assurance

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F.74-R1-P1 -01/2018

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Biogenique Vitamin B6

Batch/Lot No: 022534

Man Date: Feb.2025 **Expiry Date**: Jan.2027

Each unit dose contains: Vitamin B6 (Vitamin B6, Pyridoxine hydrochloride): 100.00mg.

Non-Medicinal Ingredient: Rice flour, Hypromellose.

Test	Method	Specifications	Result
Description	In house	Clear-Clear size "0" vegi. Capsule filled with white Color Powder.	Complies
Weight variation	USP <2091>	585.00 mg± 7.5% (541.13mg to 628.88mg)	589.41 mg
Lock Length	In house	21.30 mm –21.90mm	Complies
Disintegration time	USP	NMT 30 minutes	09 minutes
Microbial Test			
Total Plate count	USP<2021>	NMT 100,000 CFU/g	<10 CFU/g
Yeast & Mold	USP<2021>	NMT 1000 CFU/g	<10 CFU/g
E.coli	USP<2022>	Negative	Negative
Salmonella	USP<2022>	Negative	Negative
S.aureus	USP<2022>	Negative	Negative
Pseudomonas aeruginosa	USP<62>	Negative	Negative

Heavy Metal			
Arsenic	ICP-MS at Finished Product Stage	<0.14 µg/kg b.w./ day	<0.001 µg/kg b.w./ day
Cadmium		<0.09 µg/kg b.w./ day	<0.001 µg/kg b.w./ day
Lead		<0.14 µg/kg b.w./ day	<0.001 µg/kg b.w./ day
Mercury		<0.29 µg/kg b.w./ day	<0.001 µg/kg b.w./ day
Quality Approved: *Foram Patel*		Date: Mar.26, 2025	
This is to certify that Biowell Laboratories products are manufactured under strict GMP conditions.			