CERTIFICATE OF ANALYSIS

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: Sainikd July/09/2025

Approved by: Bhargavi K July/09/2025

Quality Assurance