CERTIFICATE OF ANALYSIS

Name of product:	**Vitamin K2**			**NPN**	**80133278**
Packaging Lot # :	**M2500536/1**	**Master Packaging Record #**		**Expiry Date :**	**08/2028**
		MPR	**MA-N278-60-V0**		
Manufacturing Lot # :	**M2500536**	**Master Manufacturing Record #:**		**MFG Date:**	**09/2025**
		MMR	**MA-N278-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	White powder in clear Veggie "2" capsules.		60 count in Bottle-150 cc-38/400 White HDPE Round with Cap-38-400 white HIS P/P,ribbed,plain liner.		

Physical Tests:

TESTS	Results		Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	315 mg		288	320	352	mg	USP <2091>
Wt. variation of Capsules	Complies		Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Complies		Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	05 min		NMT 30			min	USP <2040>
IDENTITY	Conforms		Conforms to standard				FTIR
Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Vitamin K2 (Menaquinone 7)	126.15	mcg	108.00	120.00	192.00	mcg	JPL-021.00 (Titration)
NON-MEDICINAL INGREDIENTS	Empty Clear Vegetable Capsule Size "2"						

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	80 c.f.u / g	< 3,000 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	<0.0003 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	0.0002 mcg / kg b.w./day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0042 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	<0.0001 mcg / kg b.w./day	< 0.29 mcg / kg b.w./day	ICP-MS

Prepared by: Neelima dec/03/2025

Approved by: J Sharma Dec/03/2025

Quality Assurance

F.75-R1-P1 -07/2016