



CERTIFICATE OF ANALYSIS

Manufactured for	NUTRALI			
Name of product:	Vitamin K2+D3		NPN	80127670
Packaging Lot # :	M2400040/1	Master Packaging Record #		Expiry Date :
		MPR	NT-N670-120-V0	
Manufacturing Lot # :	M2400040	Master Manufacturing Record #:		MFG Date:
		MMR	NT-N670-V0	

Storage Conditions: Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.

Physical Description: Off White powder in clear Veggie "2" capsules
 120 count in Bottle-250cc -45/400 WHITE HDPERound ,Cap-45/400 white HIS P/P, ribbed, plain liner.

Physical Tests:

TESTES	Results	Specifications				Method
		Low	Target	High	Strength	
Average Wt. of Capsules	305 mg	288	320	352	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	05 mins	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR
Quantity / Potency :	Results	Low	Target	High	Strength	Method
By Qualitative Analysis						
Vitamin K2 Menaquinone-7	129.31 mcg	108.00	120.00	192.00	mcg	JPL-020.05(HPLC)
Vitamin D3 (Cholecalciferol)	1045.33 IU	900.00	1000.00	1600.00	IU	JPL-034.01(HPLC)

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	80 c.f.u./g	< 3,000 c.f.u / g	USP<2021>/AOAC
Total Yeast	30 c.f.u./g	< 300 c.f.u / g	USP<2021>/AOAC
Total Mold	30 c.f.u./g	< 300 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:

HEAVY METALS:	Results - 1 capsules /day	Limits	Method
Arsenic	0.00004 mcg/kg b.w./day	< 0.14 mcg / kg b.w./day	ICP - MS
Cadmium	0.00001 mcg/kg b.w./day	< 0.09 mcg / kg b.w./day	ICP - MS
Lead	0.0002 mcg/kg b.w./day	< 0.14 mcg / kg b.w./day	ICP - MS
Total Mercury	0.00001 mcg/kg b.w./day	< 0.29 mcg / kg b.w./day	ICP - MS

SOLEVENT RESIDUES

Complies	Meets USP requirements	USP < 467 >
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Prepared by: PK Apr. 02, 2024

Approved by: Quality Assurance Apr 02, 2024

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