

# CERTIFICATE OF ANALYSIS

Product Name:	NiteVites Extra Strength		
Product #:	PY078	Manufactured for: Purity Products	
Lot#:	160012		
Date Manufactured:	1/2016		
Product Description:	350x750 oval tablet white to off white with a clear film coating		
Weight Variation:	(Current USP) – Target Weight: 1.4355 g	Average Weight: 1.4040 g	
Disintegration Time:	(Current USP) – Specification: NMT 30 minutes	Result: 14 minutes	
Reference:	B1043p123, B1042p80, B1039p79		

## ACTIVE INGREDIENTS

Components	LC/3caps	Result	% of LC	Method
Vitamin D (as Cholecalciferol)	1000.00 IU	1100.60 IU	110.06	HPLC
Vitamin K (vK2 Menaquinone-4)	80.00 mcg	80.00 mcg	100.00	Input
Calcium (citrate, carbonate)	400.00 mg	423.60 mg	105.90	ICP-OES
Magnesium (citrate, oxide)	400.00 mg	427.83 mg	106.96	ICP-OES
Zinc (OptiZinc L-Monomethione)	11.00 mg	11.19 mg	101.73	ICP-OES
Melatonin	3.00 mg	3.09 mg	103.00	HPLC
Boron (from 113mg FruiteX B Phytoboron)	3.00 mg	3.18 mg	106.00	ICP-OES
Trans-Resveratrol (Polygonum cuspidatum root ext.)	10.00 mg	10.00 mg	100.00	**

## INERT INGREDIENTS

Vegetable Stearic acid, croscarmellose sodium, vegetable magnesium stearate, cellulose, purified water, vegetable glycerin

## HEAVY METALS

Heavy Metal	Result/3 caps	Method
Arsenic	0.474 mcg	ICP-MS
Cadmium	0.464 mcg	ICP-MS
Lead	0.338 mcg	ICP-MS

## MICROBIOLOGICAL LIMITS

Micro Study# 152836	Specification	Result	Method
Total Plate Count:	NMT 10,000 CFU/g	<10 CFU/g	Current USP Method
Yeast & Mold Count:	NMT 1,000 CFU/g	<10 CFU/g	Current USP Method
Escherichia Coli:	Negative	ND	Current USP Method
Salmonella:	Negative	ND	Current USP Method
Staphylococcus Aureus:	Negative	ND	Current USP Method

Prepared by: *Rebecca Rivera* Date: 1/26/16

Reviewed by: *B Venkateswarlu* Date: 1/26/16

Approved by: *Rajivdya Thaker* Date: 1/26/16

\* Skip Lot or Rotational Testing based on historical results and statistical analysis.

\*\* Verified by input, production process controls and Quality Assurance batch record review / approval to ensure finished product meets all applicable MMR product in-process specifications.