

## CERTIFICATE OF ANALYSIS

Code: 4539

Product: Perfect Multi Gelatin Capsules

Lot No.: 153373

REF: QCTR Revision-1

TEST	METHOD	SPECIFICATION (per 1 capsule)	RESULT
Description (FP)	Visual	Size #00 Hard gelatin capsule filled with natural powder.	Conforms
Weight Variation	USP<2091>	Meets the current USP requirements	Conforms
		Theoretical gross wt.: 0.868 grams ±10%	0.879 grams
		Theoretical fill wt.: 0.750 grams ±10%	0.759 grams
Disintegration	USP<2040>	Maximum 30 minutes	5 minutes
Vitamin D-3	TM-550	500 IU Limit: 100.0% - 175.0%	146.8%
Vitamin E (succinate)	TM-550	49.5 IU Limit: 100.0% - 175.0%	103.4%
Beta Carotene	TM-550	1250 IU Limit: 100.0% - 175.0%	117.3%
Thiamine (HCl)	TM-550	3 mg Limit: 100.0% - 160.0%	129.2%
Riboflavin	TM-550	1.25 mg Limit: 100.0% - 160.0%	155.3%
Pyridoxine (HCl)	TM-550	3.75 mg Limit: 100.0% - 160.0%	151.4%
Niacinamide	TM-550	12.5 mg Limit: 100.0% - 160.0%	134.2%
Folic Acid	TM-550	100 mcg Limit: 100.0% - 160.0%	131.0%
Methylcobalamin	TM-550	75 mcg Limit: 100.0% - 160.0%	120.2%
Biotin	TM-550	75 mcg Limit: 100.0% - 160.0%	111.1%
D-Calcium Pantothenate	TM-550	6.25 mg Limit: 100.0% - 160.0%	132.0%
Ascorbic acid	TM-550	125 mg Limit: 100.0% - 160.0%	120.8%
Magnesium (oxide)	TM-550	6.25 mg Limit: 100.0% - 135.0%	119.3%
Zinc (citrate)	TM-550	3.75 mg Limit: 100.0% - 135.0%	114.0%
Potassium (chloride)	TM-550	12.375 mg Limit: 100.0% - 135.0%	116.4%
Selenium	TM-550	37.5 mcg Limit: 100.0% - 170.0%	120.8%
Chromium (picolinate)	TM-550	50 mcg Limit: 100.0% - 170.0%	102.5%
Molybdenum	TM-550	12.5 mcg Limit: 100.0% - 170.0%	135.4%
Iodine	TM-550	25 mcg Limit: 100.0% - 170.0%	111.4%
Lutein	TM-550	2.5 mg Limit: 90.0% - 110.0%	106.0%
Lycopene	TM-550	0.5 mg Limit: 90.0% - 110.0%	105.1%
Coenzyme Q-10	TM-550	0.5 mg Limit: 90.0% - 110.0%	100.6%
Balance of Label Ingredients based on 100% input			
Dissolution (Folic acid)	TM-550	Min.75% after 60 mins in 900 ml of 0.05M citrate buffer, pH 6.0 @100 rpm, app.1 (pooled)	135%
Dissolution (Riboflavin)	TM-550	Min.75% after 60 mins. In 900 ml of 0.1N HCl @ 100rpm, app.1 (pooled)	145%
Dissolution (Zinc)	TM-550	Min.75% after 60 mins. In 900 ml of 0.1N HCl @ 100rpm, app.1 (pooled)	116%
<b>Microbial</b>			
Total Plate Count	USP<2021>	NMT: 10,000 cfu/g	Conforms
Yeast & Mold	USP<2021>	NMT: 1,000 cfu/g	Conforms
Bile-tolerant Gram-negative bacteria	USP<2021>	NMT: 1,000 cfu/g	Conforms
<b>Specified Microorganisms</b>			
Salmonella	USP<2022>	Absent /10g	Conforms
Escherichia coli	USP<2022>	Absent /10g	Conforms

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Date: 03/03/2016

Released:  Rejected:  By: *David Nansen*

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