

CERTIFICATE OF ANALYSIS

Code: 5428

Product: Perfect Multi Super Essentials Capsules

Lot No.: 108309

REF: QCTR Revision 02

TEST	METHOD	SPECIFICATION	RESULT
Description	Visual	Size # 00 clear hard gelatin capsule filled with natural powder	Conforms
Avg. Gross Weight	USP<2091>	835 mg ±10% Limit:752-919mg	840 mg
Weight Variation	USP<2091>	Each individual intact capsule is within ±10% of the average weight. If not all of the capsules fall within the aforementioned limits, proceed to Fill Weight.	Conforms
Avg. Fill Weight	USP<2091>	715mg Limit: 644-787mg	722 mg
Disintegration	USP<2040>	Maximum 30 minutes	Conforms
Vitamin D (Cholecalciferol)	TM-551	16.68 mcg Limit:100.0% - 165.0%	153.8%
Vitamin E (Succinate & Mixed Tocopherols)	TM-494	22.4 mg Limit:100.0% - 175.0%	158.8%
Thiamine (HCl)	TM-494	4 mg Limit:100.0% - 160.0%	138.3%
Riboflavin	TM-494	1.67 mg Limit:100.0% - 160.0%	130.2%
Niacin (Niacinamide)	TM-494	16.67 mg Limit:100.0% - 160.0%	108.5%
Pyridoxine (HCl)	TM-494	5 mg Limit:100.0% - 160.0%	133.7%
Folic acid	TM-494	133.4 mcg Limit:100.0% - 160.0%	118.4%
Pantothenic acid	TM-494	8.33 mg Limit:100.0% - 160.0%	126.9%
Vitamin C (Magnesium Ascorbate)	TM-494	100 mg Limit:100.0% - 160.0%	124.5%
Magnesium(Citrate)	TM-494	10 mg Limit:100.0% - 135.0%	131.6%
Zinc (Citrate)	TM-494	5 mg Limit:100.0% - 135.0%	104.2%
Boron	TM-494	1 mg Limit:100.0% - 170.0%	114.3%
Dissolution (Folic Acid)	TM-494	Min.75% after 60 mins in 900 ml of 0.05M citric buffer, pH 6 @ 100 rpm, app.1 (pooled)	155%
Dissolution (Riboflavin)	TM-494	Min.75% after 60 mins in 900 ml of 0.1N HCl @ 100 rpm, app.1 (pooled)	116%
Dissolution (Zinc)	TM-494	Min.75% after 60 mins in 900 ml of 0.1N HCl @ 100 rpm, app.1 (pooled)	97%
Water activity *	USP<1112>	Limit: NMT: 0.6	0.3 _{aw}
Microbial ¹			
Total Aerobic Plate Count	USP<2021>	NMT: 500,000 CFU/g	Conforms
Total Yeast and Mold	USP<2021>	NMT: 1,000 CFU/g	Conforms
Specified Microorganisms ¹			
Salmonella	USP<2022>	Absent	Conforms
E. Coli	USP<2022>	Absent	Conforms
S. Aureus	USP<2022>	Absent	Conforms
Vitamin A (Beta carotene)		500 mcg	
Vitamin B12 (Methylcobalamin)		100 mcg	
Biotin		100 mcg	
Chromium (Picolinate)		66.67 mcg	
Molybdenum		16.67 mcg	
Selenium		50 mcg	
Calcium (Citrate)		8.33 mg	
Iodine (Amino acid chelate)		33.33 mcg	
Lutein (FloraGlo® Lutein)		3.33 mg	
Zeaxanthin		0.67 mg	
Purity Super Veggie Blend (Organic VitaVeggie®) Broccoli, Broccoli Sprouts, Tomatoes, Carrots, Kale, Spinach	** See below footnote	33.33 mg	
Purity VitaBerry® Blend Grape and Grape Seed Extract, Wild Blueberry and Wild Blueberry Extract, Raspberry and Raspberry Seed Concentrate, Cranberry, Prune, Tart Cherry, Wild Bilberry, Wild Bilberry Extract, Strawberry, silicon dioxide		15 mg	
Citrus Bioflavonoids		33.34 mg	
Ginkgo Bilboa (leaf)		16.67 mg	

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Grape Seed Extract, Vitis vinifera	**See below footnote	16.67 mg	
Carrot		8.4 mg	
Squash		8.4 mg	
Apricot		8.4 mg	
Quercetin		8.4 mg	
Milk Thistle Extract, Silybum marianum (seed)		5 mg	
Curcumin (Turmeric extract) (Curcuma longa (rhizomes))		1.7 mg	
Blackcurrant Extract, Ribes nigrum (Fruit)		33.33 mg	
Bilberry, Vaccinium myrtillus (fruit)		33.34 mg	
Lactospore® (Lactobacillus sporogenes)		1.67 mg	
Bioperine® (Black Pepper Extract (fruit))		2.67 mg	

*For information purpose only

**Confirm by manufacturing process controls and procedures and verified by quality assurance review

¹ This product code is excluded from the SOP Q-034 skip lot microbial testing program and must be tested for each release.

Refer to COC for product expiration date

The results reported for Vitamins affected by the new CFR update (21 CFR Part 101) may be reported in either Metric Units or International Units (IU), which may not reflect the units on the product label for this lot. The specification in Metric Units has been confirmed to meet the specification in IU.

Ref.Vol/Page: VMS-WV-0195/112; VMS-FP-0134/56; VMS-FP-0131/105,126; VMS-FP-0129/173; VMS-FP-0099/128-129,131-133; VMS-FP-0138/28; VMS-FP-0140/9; VMS-DT-002/44; VMS-WA-0025/91; CPC#31449		Date:06/14/2021
Released: <input checked="" type="checkbox"/>	Rejected: <input type="checkbox"/>	By: David Naran Date: 06/14/2021
Date Manufacture:05/13/2021		