

Finished Product Certificate Of Analysis			
Modern Multi - Plant-based Multivitamin	Item Number:		10322
	Total Serving:		30
	Serving Size:		2 Capsules
Analytical Review			
Lot#:	M23339002	Manufactured Date:	12/5/2023
Label Version:	10322-L01-22a	Expiration Date:	12/2025

Nutritional Information				
Parameter	Specification	Pass/Fail	Method	Reference**
Vitamin A (beta carotene) [†]	Not Less Than 312 mcg RAE per serving	Pass	USP/AOAC or equivalent	122923-1552
Vitamin C [†]	Not Less Than 10 mg per serving	Pass	USP/AOAC or equivalent	122923-1552
Vitamin D3 [†]	Not Less Than 20 mcg per serving	Pass	USP/AOAC or equivalent	P7139657
Vitamin E (d-alpha tocopherol) [†]	Not Less Than 5 mg per serving	Pass	USP/AOAC or equivalent	011624-0669
Vitamin K2 (MK-7) [†]	Not Less Than 60 mcg per serving	Pass	USP/AOAC or equivalent	011624-0669
Thiamine (Vitamin B1) [†]	Not Less Than 0.3 mg per serving	Pass	USP/AOAC or equivalent	P7139657
Riboflavin (Vitamin B2) [†]	Not Less Than 0.34 mg per serving	Pass	USP/AOAC or equivalent	P7139657
Vitamin B3 (niacin & niacinamide) [†]	Not Less Than 4 mg per serving	Pass	USP/AOAC or equivalent	AFSG221116-067
Vitamin B6 (pyridoxine) [†]	Not Less Than 0.4 mg per serving	Pass	USP/AOAC or equivalent	P7139657
Vitamin B9 (folate & folic acid) [†]	Not Less Than 200 mcg DFE per serving	Pass	USP/AOAC or equivalent	AFSG221116-067
Vitamin B12 (methylcobalamin & cyanocobalamin) [†]	Not Less Than 6 mcg per serving	Pass	USP/AOAC or equivalent	P7139657
Biotin [†]	Not Less Than 60 mcg per serving	Pass	USP/AOAC or equivalent	P7139657
Pantothenic Acid [†]	Not Less Than 2 mg per serving	Pass	USP/AOAC or equivalent	AFSG221116-067

Choline [†]	Not Less Than 85 mg per serving	Pass	USP/AOAC or equivalent	AFSG221116-067
Lutein [†]	Not Less Than 20 mg per serving	Pass	USP/AOAC or equivalent	P7139657
Zeaxanthin [†]	Not Less Than 4 mg per serving	Pass	USP/AOAC or equivalent	P7139657
Iron [†]	Not Less Than 6.3 mg per serving	Pass	USP/ ICP-MS	P7139657
Zinc [†]	Not Less Than 15 mg per serving	Pass	USP/ ICP-MS	P7139657
Selenium [†]	Not Less Than 40 mcg per serving	Pass	USP/ ICP-MS	P7139657
Chromium [†]	Not Less Than 20 mcg per serving	Pass	USP/ ICP-MS	P7139657
Molybdenum [†]	Not Less Than 35 mcg per serving	Pass	USP/ ICP-MS	P7139657
Iodine [†]	Not Less Than 120mcg per serving	Pass	AOAC or equivalent	P7139657

Heavy Metals

Parameter	Specification		Pass/Fail	Method	Reference**
	USP	European Commission			
Arsenic	Not More Than 15.0µg per day	N/A	Pass	ICP-MS/USP	23-672281-001
Lead	Not More Than 5.0µg per day	Not More Than 3 Parts Per Million	Pass	ICP-MS/USP	23-672281-001
Cadmium	Not More Than 5.0µg per day	Not More Than 1 Parts Per Million	Pass	ICP-MS/USP	23-672281-001
Mercury	Not More Than 15.0µg per day	Not More Than 0.1 Parts Per Million	Pass	ICP-MS/USP	23-672281-001

Microbial Limits

Parameter	Specification	Pass/Fail	Method	Reference**
Total Plate Count	Not More Than 100,000 CFU/g	Pass	AOAC, USP or equivalent	1447456
Yeast and Mold	Not More Than 1,000 CFU/g	Pass	AOAC, USP or equivalent	1447456
Total Coliforms	Not More Than 1,000 CFU/g	Pass	AOAC, USP or equivalent	1447456
E.Coli	Negative in 10g	Pass	AOAC, USP or equivalent	1447456
Staphylococcus Aureus	Negative in 10g	Pass	AOAC, USP or equivalent	1447456
Salmonella	Negative in 10g	Pass	AOAC, USP or equivalent	1447456

Others

Parameter	Specification	Pass/Fail	Method	Reference**
Pesticides Screen*	Per USP	Pass	USP <561>	P7139657
Residual Solvent*	Per USP	Pass	USP <467>	P7139657
Gluten Allergen*	Not More Than 20ppm	Pass	ELISA or equivalent	P7139657
Crustacean Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Egg Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Fish Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Milk Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Peanut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Tree Nut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657
Soy Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7139657

Remarks:

* Analysis performed on an annual basis.

† Analysis performed on rotating schedule.

**All analyses performed by CA State certified and/or ISO accredited third-party laboratories.

Lot Status	Released <input checked="" type="checkbox"/>
	Rejected <input type="checkbox"/>

Quality Dept Approval _____ *Roylung*

Date _____ 01/29/2024