

# Certificate of Analysis



Company	Alkaline for Life
Product Name	Energized Multi + Men's
Lot Number	214965
Bulk Prod	ILPE008UN
Manufacture Date	Jun-22
Best if Used By	Jun-24

## Physical specifications (Composition/ID)

Test Description	Specification	Result	Method
Color	Yellowish Clear Film Coated Tablets	Complies	Organileptic
Identification	Meets Standard	Complies	FT-IR/NIR
Average Weight	1850 mg/Tab +/- 5%	1940 mg	ILO03/USP 2091
Weight Variation	NMT 2 of 20 tablets exceeds $\pm 5\%$ and no tablet exceeds $\pm 10\%$ of the average weight	Complies	ILO03/usp 2091
Thickness	0.340 $\pm$ 0.050"	Complies	ILO07/THICKNESS
Hardness	12.0-40.0 Kp	Complies	ILO06/HARDNESS
Disintegration	NMT 45 minutes	27 Minutes	ILO04/USP 2040

## Heavy Metal Specifications (Contamination)

Test Description	Specification	Result	Method
Arsenic	NMT 15	<15	USP
Cadmium	NMT 5	<5	USP
Mercury	NMT 15	<15	USP
Lead	NMT 5	<5	USP

## Packaging Microbiological Specifications (Contamination)

Test Description	Specification	Result	Method
Aerobic Plate Count	NMT: 10,000 cfu/g	<10,000 cfu/g	USP<2021>
Yeast and Mold	NMT: 1,000 cfu/g	<1,0000 cfu /g	USP<2021>
<i>Escherichia coli</i>	Absence in 10 g	Negative	USP<2022>
<i>Salmonella</i>	Absence in 10 g	Negative	USP<2022>
<i>Staphylococcus aureus</i>	Absence in 10 g	Negative	USP<2022>

## Component Specifications by Input (Composition/Purity)

Ingredients	Specification per Tabsule	Result	Method
Vitamin A (beta-carotene)	2500 IU	Complies	COQU-000009
Vitamin C (100% L-ascorbate, fully reduced))	75 mg	170.6 mg	COQU-000009
Vitamin D3 (cholecalciferol)	200 IU	Complies	COQU-000009
Vitamin E (from mixed natural tocopherols)	100 IU	124 IU	HPLC
Vitamin K1 (phyloquinone)	250 mcg	Complies	COQU-000009
Vitamin B1 (Thiamine HCl)	50 mg	57 mg	HPLC
Vitamin B2 (riboflavin 44 mg; riboflavin 5'-phosphate, 10 mg)	25 mg	25 mg	HPLC
Vitamin B3 (niacin 25 mg, NE; niacinimide 75 mg,NE))	50 mg	55.20 mg	HPLC
Vitamin B5 (calcium d-Pantothenate)	50 mg	59 mg	HPLC
Vitamin B6 (pyridoxine HCl, 160 mg., pyridoxol 5'-phosphate, 40 mg)	100 mg	100 mg	HPLC
Vitamin B12 (hydroxobalamin)	100 mcg	Complies	COQU-000009
Folate (calcium folinate 200 mcg, DFE; (6S)-5-Methyltetrahydrofolate (as Quatrefolic™) 200 mcg,DFE)	340 mcg	Complies	COQU-000009
Biotin	250 mcg	Complies	COQU-000009
Potassium (as Citrate)	49.5 mg	76.2 mg	ICP-MS
Calcium (as ascorbate, pantothenate, citrate, fumarate, malate and succinate)	25 mg	85.6mg	ICP-MS
Magnesium (as ascorbate, citrate, fumarate, malate, succinate aspartate, and C16 and C18 alkyls)	50 mg	89.4 mg	ICP-MS
Zinc (as picolinate)	12.5 mg	16.4 mg	ICP-MS
Chromium (as picolinate)	100 mcg	Complies	COQU-000009
Manganese (as ascorbate)	7.5 mg	7.8 mg	ICP-MS
Molybdenum (As ascorbate)	50 mcg	67.68 mcg	ICP-MS
Selenium (as L-selenmethionine)	25 mcg	36.4 mcg	ICP-MS

Vanadium (as citrate)	50 mcg	50.17 mcg	ICP-MS
Boron (as ascorbate)	1 mg	1.52 mg	ICP-MS
PABA (para-aminobenzoic acid)	15 mg	Complies	COQU-000009
Quercetin Dihydrate (water-soluble bioflavonoid)	50 mg	63 mg	HPLC
L-Aspartic acid (magnesium aspartate)	25 mg	Complies	COQU-000009
Trimethylglycine (betaine HCl)	25 mg	Complies	COQU-000009
Triacontanol (policosanol)	73.5 mcg	Complies	COQU-000009
Hexacosanol (policosanol)	36.75 mcg	Complies	COQU-000009
Octacosanol (policosanol)	455.7 mcg	Complies	COQU-000009
Citrate	29.5 mg	Complies	ICP-MS
Fumarate	29.5 mg	Complies	ICP-MS
Malate	29.5 mg	Complies	ICP-MS
Succinate	29.5 mg	Complies	ICP-MS
Vegetable Fiber	144 mg	Complies	ICP-MS
Croscarmellose	23 mg	Complies	ICP-MS
Natural Vanilla	50 mg	Complies	ICP-MS
Organic Sunflower Oil	1 mg	Complies	ICP-MS

This product has been manufactured in accordance with the master formulation number listed above and in full compliance with cGMP requirements or their equivalent. The batch processing, packaging and analysis records were reviewed and found to be in compliance with cGMP.