



**Pharma Natural, Inc.**  
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### CERTIFICATE OF ANALYSIS

Product Name: Blood Sugar Plus Cap (Bulk)  
Presentation: Capsules  
Serving Size: N/A  
Servings Per Unit: N/A  
Lot Number: C0002513988  
P.O: 1120

CoA Number: UFL019-2025  
Bulk Number: BK3538  
Manufacture Date: 07/2025  
Expiration Date: 07/2028  
Testing Completed: 07/23/2025

#### Physical Analysis

Test	Specification	Results	Method
Appearance and Color	Clear Veggie Capsule "00" filled with Light Brown Powder	Pass	Visual, SOP 024
Weight (mg)	720 mg ± 10%	790 mg	USP<2091>, SOP L047
Disintegration	< 30 min	13 min	USP<2040>, SOP L048

#### Chemical Analysis

Active Ingredients per Capsule	Composition per Capsule	Specification	Assay Result	Method
Vitamin C (as ascorbic acid)	50 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Vitamin E (dl-alpha tocopheryl acetate)	7 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Biotin (as d-biotin)	0.3 mg	(0.27 - 0.45) mg	0.4 mg	HPLC USP<621>, STP 013
Magnesium (as magnesium oxide)	125 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Zinc (as zinc oxide)	8 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Manganese (as manganese amino acid chelate)	1 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Chromium (as chromium amino acid chelate)	70 mcg	(63 - 112) mcg	112 mcg	ICP -MS USP<730>, STP 086
Banaba Leaf ( <i>Lagerstroemia speciosa</i> ) Extract (leaf) [std. to 1% corosolic acid (0.25 mg)]	25 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Guggul ( <i>Commiphora mukul</i> ) (resin)	50 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Bitter Melon ( <i>Momordica charantia</i> ) (fruit)	20 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Licorice ( <i>Glycyrrhiza glabra</i> ) Extract (root)	25 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Cinnamon ( <i>Cinnamomum burmannii</i> ) (bark)	50 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Gymnema sylvestre (leaf)	3 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Yarrow ( <i>Achillea millefolium</i> ) (flower)	25 mg	r > 80% correlation to standard	Present by input	Input by batch record review

Cayenne Pepper ( <i>Capsicum annuum</i> ) (fruit)	10 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Juniper ( <i>Juniperus communis</i> ) (fruit)	13 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Mulberry ( <i>Morus rubra</i> ) (leaf)	3 mg	r > 80% correlation to standard	Present by input	Input by batch record review
Vanadium (vanadium amino acid chelate)	6 mcg	r > 80% correlation to standard	Present by input	Input by batch record review

#### Heavy Metals

Test	Specification (ppm) (mcg/g)	Results (ppm) (mcg/g)	Method
Lead (Pb)	≤ 0.5	0.250	ICP-MS USP<2232>, SOP L052
Arsenic (As)	≤ 1.5	0.800	ICP-MS USP<2232>, SOP L052
Cadmium (Cd)	≤ 0.5	0.095	ICP-MS USP<2232>, SOP L052
Mercury (Hg)	≤ 1.5	0.018	ICP-MS USP<2232>, SOP L052

#### Microbiological Analysis

Test	Specification	Results	Method
Rapid Aerobic Count	≤10,000 cfu/g	<10,000 cfu/g	USP-NF<2021>, SOP L057
Rapid Yeast & Mold Count	≤1,000 cfu/g	<1,000 cfu/g	USP-NF<2021>, SOP L058
<i>Escherichia coli</i>	Absence / 10g	Absence / 10g	USP-NF<2022>, SOP L059
Salmonella spp	Absence / 10g	Absence / 10g	USP-NF<2022>, SOP L060

Prepared by



Marian Cruz

QUALITY CONTROL SPECIALIST

11/07/2025

DATE

Approved by



Milady Garcia

QUALITY ASSURANCE MANAGER

11/07/2025

DATE