



PHARMANATURAL
natural health solutions

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CERTIFICATE OF ANALYSIS

Product Name: Arthritis Support Joint Cap (Bulk)
Presentation: Capsules
Serving Size: N/A
Servings Per Unit: N/A
Lot Number: C0002514022
P.O: 1124

CoA Number: UFL020-2025
Bulk Number: BK3699
Manufacture Date: 07/2025
Expiration Date: 07/2028
Testing Completed: 08/04/2025

Physical Analysis			
Test	Specification	Results	Method
Appearance and Color	Hard Clear Gelatin Capsule "00" filled with Dark Yellow Powder	Pass	Visual, SOP 024
Weight (mg)	660 mg $\pm$ 10%	676 mg	USP<2091>, SOP L047
Disintegration	< 30 min	14 min	USP<2040>, SOP L048

Chemical Analysis				
Active Ingredients per Capsule	Composition per Capsule	Specification	Assay Result	Method
Glucosamine HCl	250 mg	r > 90% correlation to standard	Present by input	Input by batch record review
<i>Boswellia serrata</i> Extract (resin) [std. to 80% Boswellic acid (40 mg)]	50 mg	r > 90% correlation to standard	Present by input	Input by batch record review
Turmeric (<i>Curcuma longa</i>) Extract (root) [std. to 95% Curcuminoids (190 mg)]	200 mg	r > 90% 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)	$\leq$ 0.5	0.220	ICP-MS USP<2232>, SOP L052
Arsenic (As)	$\leq$ 1.5	0.240	ICP-MS USP<2232>, SOP L052
Cadmium (Cd)	$\leq$ 0.5	0.008	ICP-MS USP<2232>, SOP L052
Mercury (Hg)	$\leq$ 1.5	0.160	ICP-MS USP<2232>, SOP L052

Microbiological Analysis			
Test	Specification	Results	Method
Rapid Aerobic Count	$\leq$ 10,000 cfu/g	<10,000 cfu/g	USP-NF<2021>, SOP L057
Rapid Yeast & Mold Count	$\leq$ 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