

Certificate of Analysis



Company	Alkaline for Life
Product Name	Joint Calm +
Bulk Prod #	223903
Lot Number	223901
Manufacture Date	Dec-22
Best if Used By	Dec-24

Physical specifications (Composition/ID)

Parameter	Specification	Result	Method
Appearance	Off-white to gray powder in gelatin caps	Complies	Visual
Identification	Meets Standard	Complies	COQCL-000005
Average Weight	680 mg/Cap \pm 10%	710 mg	SOP-SSIL-000003
Weight Variation	No capsule exceeds \pm 10% of average weight	Complies	SOP-SSIL-000003
Disintegration	NMT 45 minutes	7 minutes	SOP-SSIL-000004/DT

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)

Microbiology:	Specification	Result	Method
Total Aerobic Plate Count	NMT 100,000 cfu/g	< 100,000 cfu/g	BioLumix
Total Yeast and Mold	NMT 1,000 cfu/g	< 1,000 cfu/g	BioLumix
<i>E. coli</i>	Absence in 10g	Negative	BioLumix
<i>Salmonella</i>	Absence in 10g	Negative	BioLumix
<i>Staphylococcus aureus</i>	Absence in 10g	Negative	BioLumix

Component Specifications by Input (Composition/Purity)

Active Ingredients	Each Capsule Contains	Result	Method
Molybdenum (as glycinate)	17.4mcg	20.38 mcg	HPLC
Glucosamine sulfate HCl	100 mg	101 mg	HPLC
Glucosamine KCl	300 mg	303 mg	HPLC
Chondroitin sulfate (active, soluble)	75 mg	82.4 mg	ICP-MS
OPC (from Activin® Grape Seed Extract)	15 mg	Complies	COQU-000009
Kosher gelatin	117 mg	Complies	COQU-000009
C16 and C18 alkyls	2 mg	Complies	COQU-000009
Vegetable fiber (organic croscarmellose)	122 mg	Complies	COQU-000009

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.