

Deer Antler Velvet-FX

**Verified Grade A Support for Flexible Joints,
Healthy Bones & Vital Energy ***

Dietary Supplement



NO ADDED
STEARATES



PURITY
VERIFIED



HEAVY METAL
TESTED



VIOLITE®
BOTTLE



Joint, bone, and connective tissue integrity depend on a continuous supply of structural raw materials—chiefly collagen, the most abundant protein in mammals and the framework of tendons, ligaments, skin, and the organic matrix of bone^{3,4}, and hyaluronic acid (HA), the glycosaminoglycan that gives synovial fluid its lubricating viscosity and helps cartilage resist compressive load^{4,5}. In Traditional Chinese Medicine, deer antler velvet—known as Lu Rong—has occupied this territory for over 2,000 years². Recorded in the Compendium of Materia Medica since the 16th century and regarded as second in importance only to ginseng^{6,10}, it is classified as a kidney-yang and Jing (essence) tonic used to strengthen the bones and sinews, replenish essence and blood, and support strength and vitality^{8,9}. Deer Antler Velvet-FX delivers 425 mg of verified Grade A red deer antler velvet (*Cervus elaphus*) per capsule—the specific species named in the Chinese herbal pharmacopoeia—harvested at the young, pre-ossified velvet stage and freeze-dried whole to protect its naturally occurring compounds*. The finished material contains naturally occurring verifiable amounts of collagen, hyaluronic acid, and calcium¹. Additionally, as a part of the whole-antler velvet matrix, there are naturally occurring amounts of amino acids, peptides, glycosaminoglycans, and minerals^{2,10}. Sourced from ranch-raised red deer in the U.S. through a farm-to-powder traceable supply chain, each batch is species-verified, tested for adulterants, tested for heavy metals and pathogens, and bioenergetically tested*.

Key Ingredients & Formulation

Each capsule delivers 425 mg of whole-antler red deer velvet, a naturally occurring matrix that includes:

Collagen—the most abundant protein in the body, playing a structural role and contributing to the mechanical properties, organization, and shape of tissues; found throughout connective tissue, notably tendons, ligaments, bone, and skin^{3,4}.

Hyaluronic Acid (HA)—a key glycosaminoglycan of the extracellular matrix that contributes to cartilage structure and gives synovial fluid the viscosity required for joint lubrication^{4,5}.

Glycosaminoglycans (GAGs)—gelatinous elements of the extracellular matrix that provide structural support to surrounding cells⁴.

Amino Acids, Peptides & Proteins—considered the most prominent bioactive components of velvet antler².

Calcium—a naturally occurring mineral of the antler matrix, supplying 42 mg (3% DV) per capsule¹.

Why Whole Deer Antler

Composition analysis shows that constituents vary along the antler: crude protein, GAGs,

and other bio actives are more concentrated toward the tip, while collagen increases toward the base². By using the whole antler, Deer Antler Velvet-FX retains this naturally diverse matrix rather than focusing on a single region or fraction².

Mechanisms & Applications

Red deer antler velvet is one of the most extensively documented materials in the traditional East Asian pharmacopoeia, and modern compositional and preclinical work has begun to map its constituents onto defined structural and physiological roles. Its influence touches four interconnected areas, each with its own clinical rationale and use case.

Flexible Joints & Connective Tissue

Connective tissue is built on a collagen framework—providing the tensile strength of tendons and ligaments^{3,4}—while hyaluronic acid serves a scaffold-like role that integrates other extracellular matrix molecules^{4,5}. In the joint itself, high-molar-mass HA gives synovial fluid the viscosity it needs to reduce friction between articulating surfaces⁵, and cartilage's hydrophilic, HA-rich matrix generates the swelling pressure that supports load and helps tissue recover from deformation^{4,5}. Deer Antler Velvet-FX contains naturally occurring verifiable amounts of both constituents as part of its whole-antler matrix¹. Suggested support: 1 capsule daily or as directed by a healthcare practitioner*.

Healthy Bones & Structural Support

Collagen forms the organic matrix of bone, the protein scaffold on which mineral is deposited^{3,4}. Traditionally, Lu Rong is recorded in the Compendium of Materia Medica to replenish vital essence and strengthen the bone⁶, and the TCM principle that “the kidney governs the bones” (Huang Di Nei Jing) links kidney-tonifying herbs directly to skeletal health⁶. Species-matched preclinical research supports this traditional use: velvet antler polypeptides from *Cervus elaphus* supported healthy bone metabolism in ovariectomized rats⁶, and red deer antler extract supported measures of bone mineral content, collagen status, and osteoblast activity in preclinical models⁷. Suggested support: 1 capsule daily or as directed*.

Active Lifestyle & Exercise Support

Velvet antler's traditional reputation for strengthening muscles and sinews has drawn modern research interest in active populations. In a preclinical model of intensive endurance training, deer antler velvet supplementation supported healthy physiological adaptations to exercise¹⁰. Preclinical research has also evaluated Lu Rong for its effects on exercise-related physiological responses and antioxidant activity^{11,12}. For active adults and adults 40+ seeking to support muscle recovery and an active lifestyle: 1 capsule daily or as directed*.



Deer Antler Velvet-FX Provides:

Red Deer Antler Velvet (*Cervus elaphus*) 425 mg
(Calcium)..... 42 mg

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Vital Energy, Jing & Healthy Aging (Traditional Use)

In the TCM framework, the kidney is the “innate foundation”: kidney yang warms, promotes, and transforms qi, while kidney essence (Jing) governs growth, development, and the pace of aging—as essence declines with age, the signs of aging become more apparent^{*12}. Within traditional Chinese medicine, Lu Rong has historically been used in kidney-yang deficiency patterns characterized by fatigue, cold extremities, and weakness or soreness of the lower back and knees, and traditionally to tonify qi and blood^{*8,9}. Deer Antler Velvet-FX offers practitioners a traditional Jing-support tonic in a species-verified, Grade A form for vital energy and healthy aging protocols^{*8,12}: 1 capsule daily or as directed*.

Mechanisms & Applications

Pathway	Mechanism of Action	Clinical Application
Flexible Joints & Connective Tissue	Naturally occurring collagen forms the connective tissue framework ^{1,3,4} ; HA supports cartilage structure and synovial fluid lubrication ^{1,5}	1 capsule daily or as directed by a healthcare practitioner
Healthy Bones & Structural Support	Collagen forms the organic matrix of bone; species-matched preclinical red deer data support healthy bone metabolism and osteoblast activity ^{3,4,6,7}	1 capsule daily or as directed
Active Lifestyles	Preclinical research evaluating physiological responses to endurance training and antioxidant activity ^{10,11,12}	1 capsule daily or as directed; pairs with active-lifestyle programs
Vital Energy & Jing Tonic (Traditional)	Classical kidney-yang and Jing (essence) tonic to replenish essence and blood and strengthen bones and sinews ^{8,9}	1 capsule daily or as directed within traditional tonic programs

Indications

Primary: Joint comfort, flexibility, and connective tissue support*; Healthy bone maintenance and structural support*; Muscle and active lifestyle support*; Vital energy and traditional Jing-tonic support*.

Secondary: Support for active adults and adults 40+ maintaining mobility and strength*; Support for aging adults within the traditional kidney-essence frame

work of healthy aging*; Nutritional support alongside endurance and training programs*; Traditional Lu Rong applications by TCM-trained practitioners*.

Cautions & Contraindications

Consult a healthcare practitioner before use if pregnant, nursing, taking medications, or managing any health condition. Keep out of reach of children. This is an animal-derived ingredient and is not suitable for vegan or vegetarian patients; it is not certified kosher. In the TCM framework, Lu Rong is a warming yang tonic and is traditionally contraindicated in patterns of yin-deficiency heat, blood heat, phlegm-heat, or stomach fire⁸. Published literature has reported naturally occurring hormonal compounds in deer antler velvet¹². Practitioners may wish to consider this when evaluating use in hormone-sensitive individuals.

Quality Standards

Premier Research Labs maintains rigorous sourcing, identity, and quality-testing standards. Deer Antler Velvet-FX is single-species red deer (*Cervus elaphus*), confirmed by identity testing, and verified Grade A—young, pre-ossified velvet harvested at the soft-tip stage, never over-calcified hard antler. The material is U.S. ranch-raised, handled and graded stick-by-stick (never pooled) so every lot traces to its source farm, and freeze-dried—never spray- or heat-dried—with no excipients, fillers, flow agents, or added magnesium stearate. Partner herds are screened for CWD, TB, and brucellosis, with herd-health certifications and feed status confirmed per source farm and lot. Each batch is forensic-tested for adulterants, tested for heavy metals and pathogens, and bioenergetically tested, reflecting PRL’s commitment to clean, effective nutritional support for practitioners and patients alike*.

Sourcing, harvesting, and processing practices per supplier documentation; herd-health certifications and feed status confirmed per source farm and lot. Supplier identity proprietary.

References

1. Premier Research Labs. Certificate of Analysis: Deer Antler Velvet-FX. August 2026. Collagen (calculated from hydroxyproline) 281 mg/g; hydroxyproline 35.1 mg/g; hyaluronic acid (sodium) 298 mcg/g; species confirmed *Cervus elaphus*.



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