

MartinBauer Animal Nutrition

ADD VALUE WITH DEVIL'S CLAW

BOTANICAL FACTS



Target species	Cats, dogs and horses
Target effect	Anti-inflammatory
Origin	South Africa
Procurement	Wild collection
Used parts	Roots

DEVIL'S CLAW

Harpagophytum spp.

Prove of benefits

Devil's claw is described as having anti-cholesterolemic, antioxidant, anti-inflammatory and pain-relieving effects by Gxaba, N. & Manganyi, M.C. (2022) based on animal studies. Abdulhussein et al. (2018) demonstrated the antioxidant and antiangiogenic activities of devil's claw in a study conducted on rats. Peruru et al. (2020) conducted a study on female rats receiving devil's claw and found that the plant's anti-inflammatory activity and antioxidant property might have contributed for the neuroprotective effect and were able to reduce anxiety behavior caused by arsenic. Serrano et al. (2018) reviewed from different studies the anti-inflammatory effect of devil's claw. The plant extract influences the synthesis and release of pro-inflammatory factors, inhibiting transcription factor activator protein 1 (AP-1) activity in murine macrophages and cytokine expression such as TNF- α and interleukin 6 (IL-6) according to this article. Horses received devil's claw extract in a study conducted by Axmann et al. (2018). Their results showed that devil's claw is a safe drug and well-tolerated on oral administration route. Treatment of horses with devil's claw extract did not cause any clinically detectable side effects such as gastrointestinal irritation in this study. Elghandour et al. (2018) describes that devil's claw exerts anti-inflammatory effect on horses.

Active ingredients

- Monoterpenes such as iridoid glycosides (1-3%), especially harpagoside, harpagide
- Diterpenes
- Phenylpropane derivatives, such as acteoside
- Polysaccharides

Associated benefits

- Appetizing
- Anti-dyspeptic
- Choleric
- Analgesic
- Antiphlogistic
- Anti-inflammatory

FORMATS



Cut



Powder



Blend



Extract



Tincture



FAMIqs

References

DEVIL'S CLAW

Abdulhussein et al. (2018) Evaluation of antiangiogenic and antioxidant activity of Harpagophytum procumbens (devil's claw). Drug Invention Today. Axmann et al. (2018) Pharmacokinetics of harpagoside in horses after intragastric administration of a Devil's claw (Harpagophytum procumbens) extract. JVPT. DOI: 10.1111/jvp.12716

Elghandour et al. (2018) Plant Bioactives and Extracts as Feed Additives in Horse Nutrition. J. Equine Vet. Sci. DOI: 10.1016/j.jevs.2018.06.004

Gxaba, N. & Manganyi, M.C. (2022) The Fight against Infection and Pain: Devil's Claw (Harpagophytum procumbens) a Rich Source of Anti-Inflammatory Activity: 2011–2022. Molecules. DOI: 10.3390/ molecules27113637

Peruru et al. (2020) Devil's claw (Harpagophytum procumbens) ameliorates the neurobehavioral changes and neurotoxicity in female rats exposed to arsenic. Heliyon. DOI: 10.1016/j.heliyon.2020.e03921.

Serrano et al. (2018) Bioactive Compounds and Extracts from Traditional Herbs and Their Potential Anti-Inflammatory Health Effects. Medicines. DOI: 10.3390/medicines5030076



DEVIL'S CLAW
Harpagophytum spp.

Let's talk about what our botanicals can do for your business.

Martin Bauer GmbH & Co. KG
Operating site Alveslohe
Bahnhofstraße 2 | 25486 Alveslohe | Germany
animal.nutrition@martin-bauer.com
www.martin-bauer.com

Get in touch

