

DIALIX[®] Lespedeza



Highly Palatable *Lespedeza capitata* Soft Chews for Cats and Dogs with Chronic Renal Disease

Data Sheet

Active ingredients (per soft chew):

- DIALIX[®] Lespedeza-5: *Lespedeza capitata* 100 mg.
- DIALIX[®] Lespedeza-15: *Lespedeza capitata* 300 mg.

Composition (in descending order):

Chicken meal (protein source), glycerine, water, propylene glycol, glucose syrup, rice starch, soya lecithin, *Lespedeza capitata* (dry extract), appetite stimulator, duck fat, Pet Savor (antioxidant), potassium sorbate (preservative), salt, Termox (antioxidant).



Analytical constituents:

- DIALIX[®] Lespedeza-5: protein 27.2%; fat 12.3%; crude fibre 0.8%; crude ash 9.9%; moisture 20.1%; calcium 2.75%; phosphorus 1.65%; potassium 0.80%; sodium 0.5%.
- DIALIX[®] Lespedeza-15: protein 28.9%; fat 13.1%; crude fibre 0.5%; crude ash 9.6%; moisture 22.8%; calcium 2.75%; phosphorus 1.65%; potassium 0.8%; sodium 0.5%.

Mechanism of action:

- *Lespedeza capitata* contains flavonoids (phenolic compounds: lespedesin, n-pentacosene, n-hexacosene, n-hentriacontane and n-tritriacontane) that cause renal vasodilation - they possibly act as inhibitors of the angiotensin converting enzyme (IACE) - they stimulate the parenchyma of the kidney, increase diuresis and reduce the concentration of urea in the blood without unbalancing the electrolyte balance.
- In a test in cats and dogs with hepatic and renal failure, *Lespedeza capitata* was able to eliminate the oliguria and albuminuria and significantly reduce the concentration of urea in the blood.
- Studies in rats, rabbits, cats and dogs have proven that *Lespedeza capitata* has a fast and powerful diuretic action that is of equal power to that of theophylline and theobromine, but with a longer duration.
- As a diuretic *Lespedeza capitata* doubles/triples the volume of urine. The effect is observed after 1 hour and it reaches peak efficiency at 7 hours after administration.

Indications: To reduce uraemia and increase diuresis in cats and dogs with chronic renal disease.

Target species: Cats and dogs.

Dosage and administration:

- DIALIX[®] Lespedeza-5: 1 soft chew per 5 kg body weight, twice a day.
- DIALIX[®] Lespedeza-15: 1 soft chew per 15 kg body weight, twice a day.

Safety: Sub-acute (5X, 30 days) and chronic (5X, 90 days) toxicity studies did not cause changes in weight, or clinical, haematological or histopathological parameters.

Warnings: VetNova is a pioneer in the development of Chews technology to facilitate administration of supplements to cats and dogs. Unlike tablets, capsules, etc. which are administered in a "forced" manner to the mouth to ensure the product is taken, Chews should be administered freely in the pet's bowl and the pet left to take them voluntarily. Some shy cats and dogs may need a longer time to fully accept them, but once they do the daily intake is easier and more satisfactory. The following strategies can be used during the first week to facilitate initial acceptance: 1) Reduce the dose and gradually increase it, 2) Divide the daily dose into two separate doses (morning and evening), 3) Crush the chew and mix it with malt (cats), pate or any food which the pet enjoys, etc.



Features

Proven azotemia lowering effect.

Fast and prolonged diuretic action.

Very Safe - Ideal for long-term treatment protocols.

Compatible with renal diets.

Highly palatable soft chews facilitate daily dosing and maximize treatment compliance.

Available exclusively through veterinarians.



VetNova

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Presentation:

- DIALIX[®] Lespedeza-5: 60 soft chews (30 days for a cat or dog of 5 kg).
- DIALIX[®] Lespedeza-15: 60 soft chews (30 days for a dog of 15 kg).

Supporting materials:

- Quick Reference Guide (DIALIX[®] line)
- Magazine advertising (DIALIX[®] line)
- DIALIX[®] R Tech Sheet
- DIALIX[®] UT Tech Sheet
- DIALIX[®] V Tech Sheet
- Published Research Articles Compilation

Bibliography:

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- EMEA: European Medicines Evaluation Agency, Veterinary Medicines Evaluation Unit. Lespedeza capitata Summary Report. 1998
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- [Clinical trial of treatment of azotemic conditions with an injectable extract of Lespedeza capitata]. Desruelles J, Delmon A. Lille Med. 1969;14:83-7. French.
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- [Experience with Lespenephryl and Lespenephryl-forte in the treatment of chronic kidney insufficiency]. Gau HP. Med Welt. 1969;44:2426-8. German.

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