



Bulk Quantity - Ground Velvet Antler Powder

Dried, ground, and safety-tested natural velvet antler. This is the same great product that's encapsulated in our NATRAflex Velvet Antler capsules. For bulk quantity customers, this is packaged in one kilogram bags for \$375.

Ground velvet closely resembles the traditional form as used in Chinese Medicine, where it has been used as a 'fortifying' tonic to rejuvenate the 'yang' and thus restore balance, as well as promoting overall wellness. The velvet is ground at low temperatures to maintain bioactivity and is available in differing particle sizes, dependent on the customer's intended end use of this product.

Ground velvet is available for inclusion with other products such as honey, ginseng etc, to produce capsules, tablets, candies, tea, etc, or it can be the only component in the increasingly popular velvet capsules.

	Typical analysis	
General description ¹		
Freeze-dried powder		
Dry matter	93.3	
Major components (% of DM)		
Protein	61.4	
Ash	29	
IGF-1 (ng/g) ⁴	600	
Nitrogen	9.8	
Major mineral components (% of DM) ²		
Phosphorus	4.3	
Calcium	9	
Sulphur	0.4	
Magnesium	0.2	
Sodium	0.9	
Potassium	0.4	
Trace mineral components (parts per million or mg per kg of DM) ²		
Manganese	1	
Iron	425	
Selenium	0.2	
Microbiological tests ³		
Total aerobic Counts	4 x 10 ⁴	cfu/g
Total coliforms	None detected	MPN per 100g
Faecal coliforms	None detected	MPN per 100g
E coli	None detected	MPN per 100g
C perfringens	None detected	cfu/g
Coagulase +ve staph	None detected	cfu/g
B cereus	None detected	cfu/g
Salmonella	None detected	per 25g

Analytical methods

- 1 Dry matter content is determined by quantitative freeze drying followed by oven drying at 105°C for 4 hours. (Analysis was carried out by AgResearch, Invermay, Mosgiel, New Zealand).
- 2 Mineral components were analyzed following standard spectroscopic methods using an ICP Analyser by AgResearch SFS.
- 3 Microbiological tests were carried out following standard methods in the *Compendium of Methods for the Microbiological Examination of Foods – APHA, Third edition, 1992*. (Analyses were carried out by Labnet, Invermay).
- 4 IGF-1 determined by acid-ethanol, cryoprecipitation and radioimmunoassay. (Carried out by Endolab, Christchurch Christchurch).

Endnotes – Research sources cited:

¹ Setchell, K D.R Dietary Isoflavones: Biological effects and Relevance to Human Health Symposium on Phytochemicals, Biochemistry and Physiology 1996 April

² Naoyuki Tstutsumi Effect of Coumestrol on Bone metabolism in organ culture Biol.Pharm Bull **18**(7) 1012-1015 1995

³ Draper et al Phytoestrogens reduce bone loss and bone resorption in Oophorectomized rats American Society for Nutritional sciences 1997