



TECHNICAL NOTES

Black Chia Seed *Salvia Hispanica L.*

INGREDIENTS: Black Chia Seeds

GRADE: Premium Food Grade

DESCRIPTION: Chia seeds are the edible seeds from the chia (*Salvia Hispanica L.*) plant, originating from Central America. It is a seed approximately 1.2-2mm in diameter.



Chia Seed is a valuable source of omega 3 fatty acids, beneficial for maintaining a normal healthy skin and coat. High in several nutrients that are important for bone health and immune support. Chia Seed contains mucilaginous fibre for healthy digestion, high in quality protein and packed with antioxidants.

CODE & PACK SIZE:

VAL1450	1kg
VAL1455	3kg

COUNTRY OF ORIGIN: Australia and Bolivia

GENERAL FEEDING GUIDE:

HORSES: ½ cup daily (approx. 115g) added to food or as directed by your veterinarian.

PONIES: ¼ cup daily (approx. 57g) added to food or as directed by your veterinarian.

DOGS: **Small-** ¼ to ½ teaspoon added to food or as directed by your veterinarian.
Medium- ½ to 1 teaspoon added to food or as directed by your veterinarian.
Large: 1 to 2 teaspoons added to food or as directed by your veterinarian.

Fresh clean drinking water should always be available.

Crooked Lane Harvest products are a range of nutritional supplements for inclusion in animal feed. Listed amounts are a guide only and have been prepared in consultation with a veterinarian with over 40 years of experience in animal health and nutrition and product development. For specific health concerns, always seek advice from a veterinarian or health care professional.

SPECIAL FEATURES:

- Premium food grade
- Highest plant source of omega 3
- Mucilaginous fibre for healthy digestion
- Complete protein with all 9 amino-acids
- Rich in antioxidants and minerals
- Excellent source of calcium and magnesium
- No hard outer shell or husk
- Easy to digest
- Not heat treated, processed or chemically treated (which can “devitalise” the seed)



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TYPICAL ANALYSIS (PER 100g OF SEED):

ENERGY	371KCAL 1,553Kj	MOISTURE	6.0g
Total Carbohydrates	42.1g		
Dietetic Fibre	41.2g		
of which soluble	5.3g		
of which insoluble	35.9g		
Crude Fibre	19.4g		
Vitamins		Minerals	
Vitamin A	49.3IU	Total Ash	4.6mg
Thiamine	0.21mg	Sodium	0.94mg
Riboflavine	0.12mg	Calcium	556.65mg
Niacine	5.97mg	Iron	6.27mg
Vitamin C	<3.0mg	Magnesium	326mg
Vitamin E	0.74mg	Phosphorous	750.66mg
		Potassium	666.64mg
		Zinc	44.6mg
Total Protein	21.1g		

Aminogramm (g per 100g protein)

Alanine	1.3	Lysine	1.1
Arginine	2.3	Methionine	1.2
Aspartic acid + Asparagine	1.8	Phenylalanine	1.2
Glutamic acid +Glutamine	4.0	Proline	0.9
Glycine	1.1	Serine	1.1
Histicine	0.6	Threonine	0.8
Hydroxiprolin	0.1	Tyrosine	0.7
Isoleucine	1.1	Valine	1.1
Leucine	1.7		

	g/100g seed	% of total fat
Total fat	31.5	
Saturated fat	3.2	10.3%
Monounsaturated fat	2.5	7.6%
Polyunsaturated fat	25.6	81.6%
<i>Of which linoleic acid</i>	5.8	18.0%
<i>Of which linolenic acid</i>	19.8	62.9%
Others non identified	0.2	0.5%

Chemical

Total moisture	<9.0%
Total protein	>20.0%
Total fat	>29.0%
Total carbohydrate	>39.0%
Of which: Total fibre	>38.0%
Available carbohydrate	<1%
Total ash	<6.0%

STORAGE: Store in a cool, dry area, away from direct sunlight. Relative humidity <65%. Once opened, re-seal pouch to retain freshness and quality.

This product is packed in a HACCP (Hazard Analysis and Critical Control Point) accredited facility. All information is as accurate and up to date as possible. Since Zoo Pets P/L cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Zoo Pets P/L will not be responsible for damages of any nature resulting from use of or reliance upon this information. No expressed or implied warranties are given other than those implied mandatorily by Federal, State or Territory Legislation. © Zoo Pets Pty Ltd 2016.

Zoo Pets P/L • ABN 34 612 180 908 • PO Box 506, Cherrybrook NSW 2126 AUSTRALIA

Phone 1300 787 041 / +61 (0)2 45714211 • • info@crookedlane.com.au • www.crookedlane.com.au

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