



TECHNICAL NOTES

Black Chia Seed



ACTIVE INGREDIENTS: Black Chia Seed

DESCRIPTION: Chia is a seed from chia (*Salvia Hispanica L.*), a plant originating from Central America. It is a seed approximately 1.2-2mm in diameter. It is the highest plant source ratio (3:1) of omega 3 to 6 essential fatty acids.

The Crooked Lane Harvest Chia Seed is a high quality, all-natural product. It is also non-GMO.

PACK SIZE: 1kg & 3kg

DIRECTIONS FOR USE: Black Chia Seed can be added to animal's feed.

HORSES | Recommend 1/2 cup daily (115g)

PRECAUTIONS: None known.

SPECIAL FEATURES: This product has been grown under strict International Certification Standards (Global Gap Certification) and carefully selected with the horse's well-being and health in mind.

- 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)

SEE REVERSE SIDE FOR TECHNICAL ANALYSIS

This product is manufactured 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 • **Fax** +61 (0)2 45714928 • **info@zoopets.net.au** • **www.valueplus.net.au**

10 May 2021



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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 |
| Hydroxiproline | 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% | |

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