

ALEXANDRIA COMMERCIAL CORP

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BLACK CHIA SEEDS

PRESENTATION: CONVENTIONAL

TECHNICAL DATA / ANALYSIS

Scientific Name:	Salvia Hispanica
Production Type:	Conventional
Family:	Lamiaceae
Grain Color / Breed:	Black / Grey mostly, and little of brown and white

NUTRITIONAL COMPOSITION:

Parameters (*)		Values (*)
Total Carbohydrates		17,51 %, NB 312031 method
Total Fat		17%
Saturated Fatty Acids		2%
Polyunsaturated Fatty Acids		23%
Total Lipids		32%
Cholesterol		0%
Fatty Acids Omega-3		20,8%
Omega-6		7%
Kilocalories		426,8 Kcal / NB 312032
(*) Based in 100 gr of CHIA seeds, on a diary diet of 2000 Kcal		

PHYSICAL - CHEMICAL ANALYSIS:

TEST TYPE	VALUES	USED METHOD
Humidity / Moisture:	7,57%	NB 312026
Protein:	20,51%	GAFTA 4:0103 (The Grain and Feed Trade Association)
Ashes:	4,15%	NB 312030
Fiber:	17,37%	GAFTA 10:0/05 (The Grain and Feed Trade Association)
Acidity:	0,29%	NB 313017
Oil Contents:	32,89%	NB 313019
Physical Purity:	99,98 % UP	Quality control of cereals and pulses
Calcium:	3748 mg / Kg	AAS
Iron:	75,0 mg / Kg	AAS
Potassium:	4598 mg / Kg	AAS

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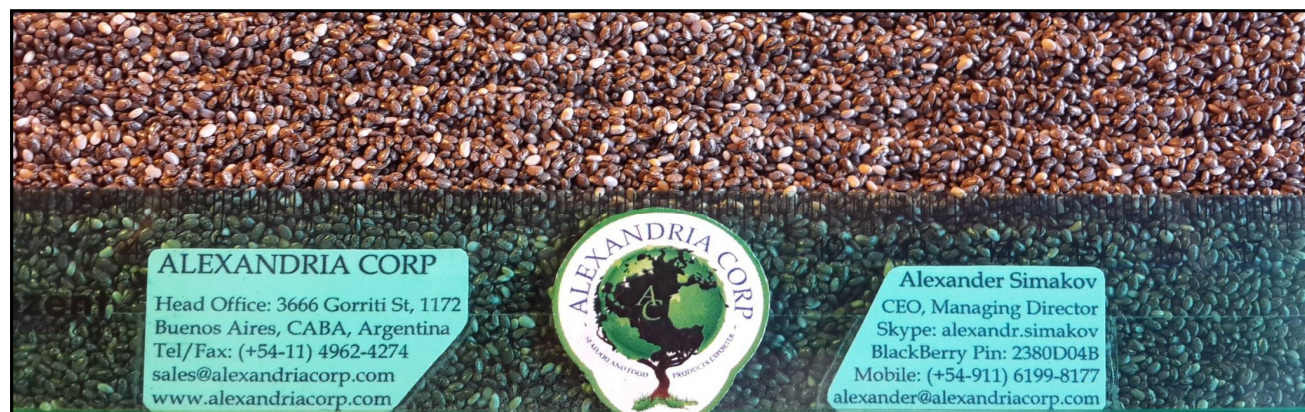


MICROBIOLOGICAL ANALYSIS:

TEST TYPE	METHOD REF	OBTAINED RESULTS	UNITS
Mesophilic aerobic	AOAC 990.12	3,8x10 ⁴ UFC /gr	UFC /gr
Total coliform	AOAC 991.14	< 10 * (that is an absolute zero)	UFC /gr
E. coli	AOAC 991.14	< 10 * (that is an absolute zero)	UFC /gr
Leavening:	AOAC 997.02	< 10 * (that is an absolute zero)	UFC /gr
Moulds and yeasts	AOAC 997.02	6,7x10 ² UFC /gr	UFC /gr
Salmonella	ISO 6579:2002	None in 25 gr	25 gr

TOXICOLOGICAL ANALYSIS:

TEST TYPE	OBTAINED RESULTS	METHOD REF
Aflatoxines:	1,2 ppb	Alfa Test 10



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