



Eurosa Corporation Limited

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CERTIFICATE OF ANALYSIS

Sesame Seed

Origin: India (Premium Grade)

Color: Pearly White

General Specs: Typical, nutty

Cleanliness Specification (Meets or exceeds ASTA standards)

	Hulled
Purity	99.95% min.
Insect Defiled/Infested	1% by weight
Mold	1% by weight
Whole Insects, dead (by count)	None
Excreta, mammalian	None
Excreta, other	None

Typical Analysis: (AOAC)

Moisture	3.9%
Free Fatty Acid	2% max.

Microbiological Analysis: (AOAC)

Pathogens	Negative
Aflatoxin	Negative
Salmonella	Negative
Pesticide Residues	None detected

Recommended Storage Conditions

Temperature		Max. 70% F. (21 degrees C.)
Humidity		70% max.
Shelf Life		6 months
Standard Packing		Paper Bags 50 lbs net each
		Paper Bags 25 kgs net each
Nutrient	Units	Value per 100 g,
Proximates		Edible Portion
Water	g	4.810
Energy	kcal	588.000
Energy	kJ	2460.000
Protein	g	26.380
Total lipid (fat)	g	54.780
Carbohydrate, by difference	g	9.390
Fiber, total dietary	g	11.600
Ash	g	4.640
Minerals		
Calcium, Ca	mg	131.000
Iron, Fe	mg	7.800
Magnesium, Mg	mg	347.000
Phosphorus, P	mg	776.000
Potassium, K	mg	407.000
Sodium, Na	mg	40.000
Zinc, Zn	mg	10.250
Copper, Cu	mg	1.460
Manganese, Mn	mg	1.430
Selenium, Se	mcg	1.700
Vitamins		
Vitamin C ascorbic acid	mg	0.000
Thiamin	mg	0.722
Riboflavin	mg	0.085
Niacin	mg	4.682
Pantoghenic acid	mg	0.681
Vitamin B-6	mg	0.146
Folate	mcg	96.000
Vitamin B-12	mcg	0.000
Vitamin A, IU	IU	66.000
Vitamin A, RE	mcg_RE	7.000
Vitamin E	mg_ATE	2.270
Lipids		
Fatty acids, saturated	g	7.672
4:00	g	0.000
6:00	g	0.000
8:00	g	0.000

10:00	g	0.000
12:00	g	0.000
14:00	g	0.136
16:00	g	4.898
18:00	g	2.305
Fatty acids, monounsaturated	g	20.687
16:10	g	0.164
18:10	g	20.425
20:10	g	0.077
22:10	g	0.000
Fatty acids, polyunsaturated	g	24.011
18:20	g	23.572
18:30	g	0.415
18:40	g	0.000
20:40	g	0.000
20:50	g	0.000
22:50	g	0.000
Cholesterol	mg	0.000
Amino Acids		
Tryptophan	g	0.473
Threonine	g	1.180
Isoleucine	g	1.289
Leucine	g	2.150
Lysine	g	0.831
Methionine	g	0.896
Cystine	g	0.523
Phenylalanine	g	1.528
Tyrosine	g	1.125
Valine	g	1.478
Arginine	g	3.325
Histidine	g	0.677
Alanine	g	1.409
Aspartic acid	g	2.265
Glumatic acid	g	4.943
Glycine	g	1.896
Proline	g	1.359
Serine	g	1.309

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