

Lignan-Rich Black Sesame Micro Powder (Pulverized product)

■ Features of raw material

● Lignan-Rich Black Sesame which is the raw material of this product contains 2 to 5 times more lignan (known as synthesis of physiological substance) than ordinary sesame.

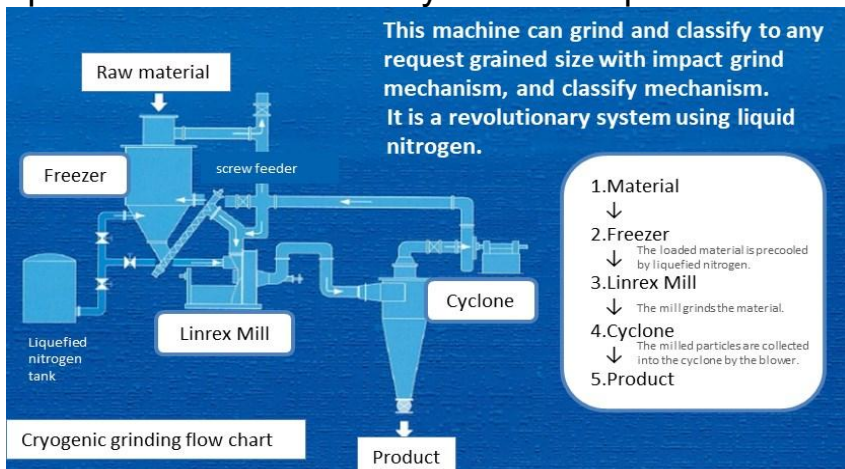
	Lignan-Rich Black Sesame	Ordinary Black Sesame	Content ratio
Sesamine	1. 0 7 0 g	0. 1 5 5 g	6. 9 times
Sesamoline	0. 4 0 3 g	0. 1 4 5 g	2. 7 times
Sesamol	0. 0 0 4 g	0. 0 0 2 g	2. 0 times
Total	1. 4 7 7 g	0. 3 0 2 g	4. 89 times

*This table shows real value of its 100g. Analysis Organization : Japan Food Research Laboratories
Black Sesame : No.101030151, Lignan-Rich Black Sesame : No.102013512

- It is raw material finely pulverized to about 5 times fineness(60-mesh) by the method of low temperature freeze pulverization, compared with the ordinary ground sesame (our company's product: 8 ~ 12-mesh item) .
- This sesame is cultivated without pesticides in the northern selective farmland of Myanmar. (corresponded positive List System for Agricultural Chemical Residues, analyzed "434 pesticides".)
- Those seedlings are registered in the Ministry of Agriculture, Forestry and Fisheries . (ITCFA2001.2002 ; 2010)
- The trademark is registered as "WADAMAN Lignan-Rich Kuro Goma" (class 29).

■ Features of production method

Although the sesame seeds can become a paste by a normal method, our product is pulverized to 60 mesh by the technique of ultra low temperature freeze pulverization.



Ultra low temperature pulverizing machine

■ Use

Material appearance



Tablets



Hard capsules



RAW MATERIALS / PRODUCTS STANDARDS

		Added description of lot coding method & Water (Reference specification) 2026.7 Best Before, Manufacturer 2024.3.29 Allergens (added kiwi fruit, almonds & removed pork) 2020.7. 8 Postscript, correction (magnets and company-name) 2018.10.1
Name of Product	Lignan-Rich Black Sesame Micro Powder	Manufacturer
Contents	10Kg (2 sacks of Aluminium standing pouch (5Kg per 1 pouch) / corrugated cardboard) *enclosed AGELESS	Osaka Gas Liquid Co., Ltd. Cryogenic Grinding Center(Food Factory) 3-7 Takasago, Takaishi-shi, Osaka 592-0001, Japan TEL.072-269-2981
Raw Material	Lignan-Rich Black Sesame 100% (Country of origin : Myanmar)	
Keeping Condition	Keep in a cool dark place, avoid direct sunlight high humidity and heat. (Less than 20°C is desirable)	
Best before	24 months from the manufacture date (Product manufactured after 2024.3.19 : lot No.240319), and 1 month after opening	Seller : Wadaman Science Co.,Ltd (tel :+81- 75-222-7318)
Features	Lignan-Rich Black Sesame contains 2 to 5 times more sesamine than the ordinary sesame. And this product is the freeze-pulverized sesame with ultra low temperature pulverizing machine. (90% will pass through 60-mesh sieve)	
Quality standard	The number of general bacteria ≤ 3,000 bacterias/g (provisional value)	PROCESS OF Roasted SESAME
	Coliform group Negative	
	Water (Reference specification) ≤ 5%	
Specification value of Sesamin ※verified based on raw sesame analysis	Sesamin value ≥ 0.8% (HPLC method)	1) Circle net screen selecting machine only objects from 1.0mm to 2.5 mm can pass 2) Specific gravity sorting machine × 2 places 3)Color sorter 4)Magnet conveyer 8,000gauss × 5 places 5) Metal detector Feφ0.7m/m Susφ1.0m/m
Example of nutrition analysis result per 100g *(Base on National Document for analysis about Lignan-Rich Black sesame:NO:206070621, 21, july, 2006)	Calories 644 kcal	◆Lot Coding Method: The lot code is printed using the last two digits of the year followed by the four-digit month and day. Example: July 10, 2026 → 260710
	Water 1.5 g	
	Protein 18.7 g	
	Lipid 54.4 g	
	Ash 5.69 g	
	Carbohydrates 19.8 g	
Additives	None	
Allergens	Sesame was subjected to allergy labeling regulation since 20th September 2013 in Japan, please label “Sesame”. In addition, the final pulverization factory uses the same process line as the pulverizing line of eggs, oranges, salmon, soybeans, chicken, peaches, gelatin, apples. kiwi fruits and almonds after resetting the process lines.	
GMO	Sesame is Not genetically modified. *There is not an existing GMO in sesame (at the present moment).	
Pesticide residue	Not detected by simultaneous testing of residual agricultural chemicals (Monitoring all items of ” Seeds ”)	
Raw Materials related to BSE	None	

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