Lignan-Riched Black Sesame Micro Powder (Pulverized product)

Features of raw material

●Lignan-Riched 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.

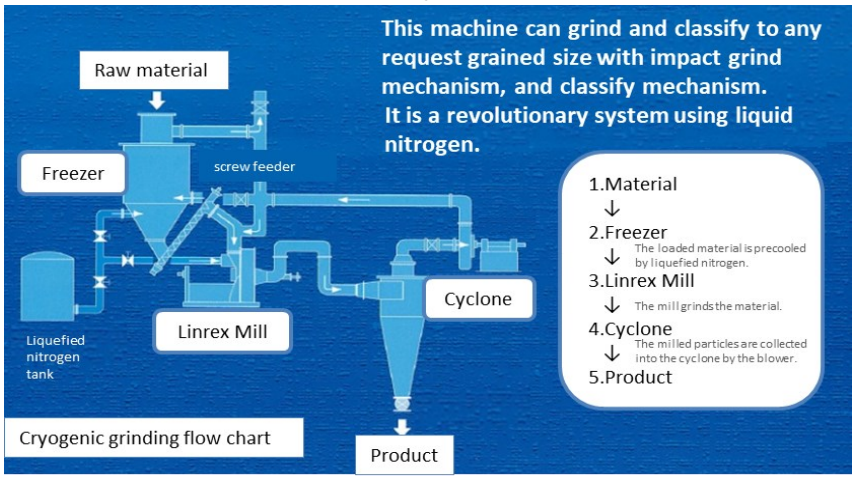
	Lignan–Riched Black Sesame	Ordinary Black Sesame	Content ratio
Sesamine	1．０７０ｇ	０．１５５ｇ	6．9 times
Sesamoline	０．４０３ｇ	０．１４５ｇ	2．7 times
Sesamol	０．００４ｇ	０．００２ｇ	2．０times
Total	1．４７７ｇ	０．３０２ｇ	4．89 times

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



Cryogenic grinding flow chart

Ultra low temperature pulverizing machine

Use

Material appearance

Tablets

Hard capsules

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RAW MATERIALS / PRODUCTS STANDARDS

		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 2016.5.10 2015.2.4 2013.10.1 2013.5.29
Name of Product	Lignan-Riched 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-Riched 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℃ 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-Riched 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 (provisional value)**	≤ 5,000 bacterias/g	**PROCESS OF Roasted SESAME**
	Coliform group	Negative	
	Water	≤ 5%	
Specification value of Sesamine	**Seamline 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	
	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 out of GMO. *There is not an existing GMO in sesame (at the present moment).
Pesticide residue	No detected by simultaneous testing of residual agricultural chemicals (Monitoring all items of ” Seeds ”)
Raw Materials related to BSE	None

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