


DIPASA PRODUCTS QUALITY SPECIFICATION

	Product: HULLED SESAME SEED Quality: AQUA (Spectrum-Farmhouse)	Specification nbr: <u>AQU-VI-001</u> Issued on: <u>March, 1992</u> Revised on: <u>December, 2013.</u> Next Revision: <u>December, 2015.</u> Page: 1 of 4
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GENERAL COMMENTS:

Hulled Sesame Seed shall be the whole, clean, dried germ of the *Sesamum Indicum L.*, which has been stripped of the seed coat (decorticated). It is prepared from clean, sound, mature seed. It shall process a creamy-white appearance and have a nut-like flavor. Its odor shall be free of rancid and other foreign notes.

	<u>Tolerances</u>	<u>Reference</u>
1. Physical Properties:		
1.1 Appearance:	Creamy-whitish.	Visual
• Odor:	Free of Rancidity	Organoleptic
• Resistance to Baking:	95.0% min.	Dipasa Method CC-006.18
1.2 Foreign Material:	Negative	Visual
1.3 Slightly contrastant pieces:		
• Yellow Seed:	0.30% max.	Dipasa Method CC-006.12
• Gray seed:	1.0% max.	Dipasa Method CC-006.12
Dark contrastant pieces:		
• Unhulled dark seed:	2 pcs/200 gr.	Dipasa Method CC-006.12
• Foreign seed:	2 pcs/Lb.	Dipasa Method CC-006.12

General Manager: 	Sales Director: 	Plant Manager: 
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• **Stems:** 1 pcs/Lb. max. Dipasa Method CC-006.12

1.4 **Purity:** 99.99% min. Dipasa Method CC-006.12

2. Chemical Properties:

- **Moisture:** 4.0% max. Dipasa Method CC-006.3
- **F.F.A.:** 2.0% max. AOCS-Ca 5a-40
- **Peroxid Value:** 5.0 Meq/Kg. AOCS-Cd 8-53

3. Microbiologic:


- **Total Plate Count (ufc/gr)** 10,000 max. ASTA M-2.0 1976
- **Mold and Yeast (ufc/gr):** 100 max. ASTA M-4.0 1976
- **Coliforms (MPN/gr):** Negative. ASTA M-3.1 1976
- **E. Coli (MPN/gr):** Negative. ASTA M-3.2 1976
- **Staph. Aureus (ufc/gr):** Negative. ASTA M-7.0 1976
- **Salmonella/25 gr:** Negative. ASTA M-8.0 1976
- **Aflatoxin** Negative.

4. Residual:

Pesticide Residue: Meets current FDA USA tolerances

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5. Seed Size:

- Mesh +12 (1.7 mm hole) 5.0% min. DIPASA Method
- Mesh +16 (1.18mm hole) 80% min. CC-006.41
- Mesh -16 (1.18mm hole) 10% max.

6. Storage and Shelf Life:

For a maximum shelf life, we recommend following storage conditions:

Ambient warehouse: 13-27°C = 55-80°F 12 months max.


For ambient temperature above 27°C and high humidity, it is required to store the product within 2° to 5°C

7. Packing:

- 25 kg. net multi-walled poly lined paper bags.
- 50 lb. (22.68 kg.) net multi-walled poly lined paper bags.
- Polywoven tote bags of 1,000 kg. upon customer request.
- This product is elaborated of 100% Sesame Seed, no other ingredients or additives are applied.
- We hereby confirm that our Aqua Hulled Sesame Seed, supplied and processed by DIPASA in Mexico is "food grade" and suitable to be used in food industry therefore fit for human consumption.

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Possible foreign seeds:

Scientific name:

Mexican name:

Richardia Scabra



Charamaca



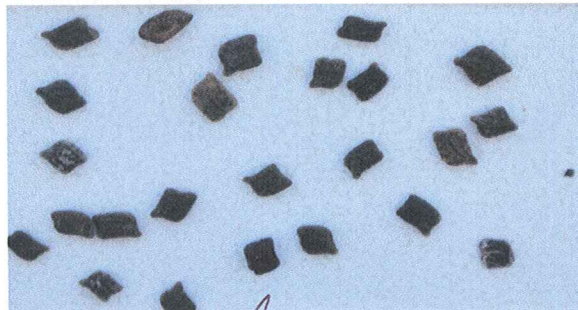
Cleome Viscosa



Frijol



Chamaecrista Nictitans



General Manager:

Sales Director:

Plant Manager: