

Product Name: Hand Picked Cloves

Description: Cloves (*Syzygium aromaticum*) are the unopened flower bud of an evergreen tree.

Physical Properties

Appearance	Reddish to dark brown on the stem, lighter on the crown.
Size	Approx 1/2" in length, slender stem with crown on top.

Organoleptic Properties

Flavor	Hot and bitter, numbing sensation in the mouth.
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Chemical Properties

Moisture (by distillation)	Maximum: 10 %	Method: Distillation
Volatile Oil	Minimum: 12 %	Method: ASTA Analytical Method #16.0 & 5.2

Microbiological Properties

Standard Plate Count	Maximum: 100,000 cfu/g	Method: FDA BAM or AOAC equivalent
Coliform	Maximum: 100 cfu/g	Method: FDA BAM or AOAC equivalent
Yeast	Maximum: 500 cfu/g	Method: FDA BAM or AOAC equivalent
Mold	Maximum: 500 cfu/g	Method: FDA BAM or AOAC equivalent
E. Coli	<10 cfu/g or <3 MPN/g	Method: FDA BAM or AOAC equivalent
Salmonella	NEG/25g	Method: FDA BAM or AOAC equivalent

Packaging, Labeling, Storage

Packaging	Plastic jar, bag in box or to customer specification.
Receiving Conditions	Product should be shipped and handled in a sanitary manner.
Storage Conditions	Store in a dry, cool place.
Shelf Life	36 months (under optimum storage conditions).

Other

Certificate of Irradiation	Minimum: 10 kGy	Maximum: 30 kGy	Method: Level of kGy exposure
Gluten Status	This product (and if applicable its ingredients) by nature does not contain the gluten proteins found in wheat, rye or barley. This product has not been tested to verify gluten levels less than 20 ppm.		

OliveNation LLC
50 Terminal Street
Bldg. 2, Ste. 712
Charlestown, MA 02129

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Product Name: Hand Picked Cloves

Natural Status	This product is a 100% pure, natural substance. It does not contain any artificial, synthetic or natural identical additives.
BE Status	This product does not contain bioengineered ingredients.
Vegan Status	This product does not contain any animal derived products including meat, milk, seafood, eggs, honey or bone char.
Halal Status	This product does not contain alcohol, natural L-cysteine extracted from hair or feathers, animal fats and/or extracts, bloods of any origin, blood plasma, pork and/or other meat by-products & alcohol is not used as a processing aid.
SDS Waiver	To the best of our knowledge this product is non-hazardous and not subject to the requirements of 29 CFR 1910.1200. Although this product does not require specific hazard precautions, users should take care to minimize personnel exposure and workplace contamination.

This specification represents all package configurations for this product .

Our published limits are based on product that has been processed under good agricultural and good manufacturing practices and not on individual product analysis. Raw agricultural products will contain related foreign material. Product shall be manufactured and stored in accordance with current good manufacturing practices and conform to the Federal Food, Drug & Cosmetic Act and its Amendments. This specification is based on current crop attributes and availability, and is subject to change due to uncontrollable conditions in source countries. This information is confidential and disclosure is prohibited without written authorization from OliveNation LLC.

OLIVENATION LLC


50 TERMINAL STREET
 BLDG. 2, STE. 712
 CHARLESTOWN, MA 02129

ALLERGEN STATEMENT FOR HAND PICKED CLOVES

"Q #1: Does the item above contain any of the following allergens or their derivatives?"		"Q #2: Is the item above produced on equipment that comes in contact with any of the following allergens?"		"Q #3: Is the item above produced in a facility that uses or processes these allergens?"		ALLERGENS
YES	NO	YES	NO	YES	NO	
	X	X		X		MILK
	X	X		X		EGGS
	X	X		X		SOYBEANS
	X	X		X		WHEAT
	X		X		X	PEANUTS
	X	X		X		TREE NUTS
	X		X		X	FISH
	X		X		X	CRUSTACEAN SHELLFISH
	X	X		X		SESAME
	X	X		X		MUSTARD
	X	X		X		ADDED SULFITES

Equipment is cleaned and sanitized between production runs to prevent allergens from contaminating non-allergenic products.

Name: Jerry Kruse

Signature:  _____

Title: DIRECTOR OF QA/REGULATORY COMPLIANCE
 NOT VALID UNLESS SIGNED

Date: 2/11/2020

Confidential and Proprietary
Product Properties

OliveNation LLC
50 Terminal Street
Bldg. 2, Ste. 712
Charlestown, MA 02129

Approved Date: 7/27/2018
Supersedes: 3/13/2017
Initials: _____

Product Name: Hand Picked Cloves

Ingredient Statement

Dried cloves.

Product Certifications

Certified Kosher Parve

Proximate Analysis

Protein	5.97	g
Carbohydrate	65.53	g
Moisture	9.87	g
Ash	5.63	g
Fat	13.00	g

Nutritional Analysis

Serving Size	100.00	g
Calories	274.00	
Total Fat	13.00	g
Saturated Fat	3.95	g
Trans. Fat	0.00	g
Cholesterol	0.00	mg
Sodium	277.00	mg
Total Carbohydrates	65.53	g
Dietary Fiber	33.90	g
Sugars	2.38	g
Protein	5.97	g
Vitamin A	160.00	IU
Vitamin C	0.20	mg
Calcium	632.00	mg
Iron	11.83	mg
Added Sugars	0.00	g
Vitamin D	0.00	mcg
Potassium	1,020.00	mg

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STORE IN A DRY, COOL PLACE.

HAND PICKED CLOVES

Cloves are the unopened flower bud of an evergreen tree, boasting pungent, woody, sweet and almost peppery flavor that pairs well alongside sweet and savory cuisine.

- Reddish to dark brown
- Hot and bitter flavor, numbing sensation
- Approximately 1/2 inch long
- Slender stem with crown

Nutrition Facts	
servings per container	
Serving size 1/4 teaspoon (.5g)	
Amount per serving	
Calories	0
% Daily Value*	
Total Fat 0 g	0%
Saturated Fat 0 g	0%
Trans Fat 0 g	
Cholesterol 0 mg	0%
Sodium 0 mg	0%
Total Carbohydrate 0 g	0%
Dietary Fiber 0 g	0%
Total Sugars 0 g	
Includes 0 g Added Sugars	0%
Protein 0 g	
Vitamin D 0.0 mcg	0%
Calcium 3.2 mg	0%
Iron 0.1 mg	0%
Potassium 5.1 mg	0%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

BASIC PREP

Use whole or insert into other foods, removing before serving. Grind in spice mill and add to baking recipes.

SUGGESTED USES

- Add to mulled wine, hot cider or spiced tea
- Grind and add to desserts, bread pudding, spice cake, pumpkin pie, stewed cranberries and fruit dishes
- Insert multiple cloves into onion and use to infuse flavors into stocks

RECIPE

Hearty Lentil Soup
2 cups brown lentils, sorted and rinsed
1 onion
2 carrots
3 leaves cabbage
6 cups water
4 tablespoons vegetable oil
1 (1.8-ounce) package onion soup mix
1 teaspoon ground cumin
1/2 teaspoon ground black pepper
1/2 teaspoon ground cinnamon
1/2 teaspoon ground allspice
1/4 teaspoon ground cloves
1/4 teaspoon ground nutmeg
1/4 teaspoon salt
1 lemon, juiced

Place lentils, onion, carrots and cabbage leaves in pressure cooker with water. Cook until pressure reduces and open. Purée vegetables in food processor until smooth. Add spices and pulse quickly to incorporate. Transfer to stockpot and cook over high heat. Bring to boil. Stir in onion soup mix. Simmer until thickened, adding lemon juice right before serving. Makes 6 servings

INGREDIENTS

Dried Cloves.

*Nutritional information may vary due to growing conditions, seed stock and frequency of nutritional testing.

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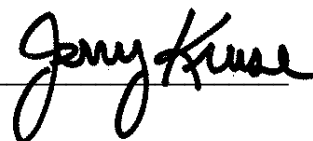
COUNTRY OF ORIGIN DECLARATION FOR
HAND PICKED CLOVES

THIS PRODUCT ORIGINATES FROM INDIA

Name: Jerry Kruse

Title: Quality Assurance Director
NOT VALID UNLESS SIGNED

Signature: _____

A handwritten signature in black ink, appearing to read "Jerry Kruse", written over a horizontal line.

Date: 2/11/2020