GLOBAL RESOURCES DIRECT
STRAIGHT FROM THE SOURCE

Carolina Reaper Powder

SPECIFICATION SHEET

PRODUCT NAME: Carolina Reaper Powder

COUNTRY OF ORIGIN: Multiple Countries of Origin

INGREDIENTS: 100% peppers

DESCRIPTION: Carolina Reaper powder is a convenient, ground variety of the superhot Carolina Reaper pepper. With superhot, pungent heat this powder must be used sparingly in a blend to add lots of heat. Product 100% natural, obtained from milling whole Carolina Reaper peppers with stems into a fine powder. Final product does not contain chemical preservatives. This product is red in color with aroma and flavor characteristic to Carolina Reaper pepper.

ORGANOLEPTIC SPECIFICATIONS

Parameter	Specs Range	Method
Appearance	Powder	Visual Inspection
Color	Red	Visual Inspection
Size	Multiple sizes available	Visual Inspection
Pungency / SHU	800,000 to 980,000 SHU	HPLC / Organoleptic

PHYSICAL & CHEMICAL PROPERTIES

Parameter	Specs Range	Method
Salt %	8-12%	AOAC / Salt Analyzer
Acid %	1-3%	AOAC / Acid Analyzer
Moisture %	<11	Moisture Analyzer

MICROBIOLOGICAL PROPERTIES

Parameter	Maximum	Method
Aerobic Plate Count (cfu/g)	100,000	FDA BAM or AOAC equivalent
Coliforms (cfu/g)	1,000	FDA BAM or AOAC equivalent
Yeast (cfu/g)	1,000	FDA BAM or AOAC equivalent
Mold (cfu/g)	1,000	FDA BAM or AOAC equivalent
Salmonella (25g)	<10	FDA BAM or AOAC equivalent
E.Coli (375g)	NEG	FDA BAM or AOAC equivalent
Staphylococcus aureus	NEG	FDA BAM or AOAC equivalent

KOSHER: Yes

NON-GMO: Yes

ALLERGENS: None

GLUTEN STATEMENT: This product is gluten-free in accordance with current US FDA and Codex regulatory definitions.

NATURAL STATEMENT: This product is a 100% pure natural substance. It does not contain any artificial, synthetic, or unnatural additives.

VEGAN STATEMENT: This product is 100% vegan in accordance with current US FDA definitions.

HALAL CERTIFICATE: This product is Halal Certified. It does not contain alcohol, natural L-cysteine, animal fats, blood, pork, or other animal parts.

BIOENGINEERED STATEMENT: This product and its ingredients are free from bio-engineered materials, particles, and ingredients.

SHELF LIFE: 24 months from the date of manufacture under optimal storage conditions. Upon inspection, the original shelf life can be maintained or extended.

STORAGE: Keep the container closed, airtight, and stored in a clean, dry, cool area at lower than 72°F (22 °C); keep away from direct heat, moisture, and sunlight.

ESSENTIAL PREPARATION: The product is ready-to-eat. No preparation is needed.

This specification is provided for informational purposes only. All data within this final contractual term must be agreed to between Global Resources Direct LLC and the customer. The customer must undertake their own investigation to determine the suitability of this product for their intended use. To the maximum extent permitted by law, Global Resources Direct LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this datasheet. No express or implied warranties are given other than those implied mandatory by law. Global Resources Direct LLC holds the right of changing the product specification.

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NUTRITIONAL ANALYSIS

Nutrients	Value per 100g	Units		Nutrients	Value per 100g	Units
Basic Components				**Vitamins**		
Water	8.05	g		Vitamin A-IU	42709.00	IU
Energy	318	kcal		Vitamin A-RE	--	RE
Energy from fat	--	kcal		Vitamin A-RAE	--	RAE
Energy from sat fat	29.34	g		Carotenoid	--	RE
Protein	12.01	g		Retinol	--	RE
Carbohydrates	56.63	g		Beta-Carotene	21850.00	mcg
Total dietary fiber	--	g		Vitamin B1 Thiamine	0.33	mg
Total Soluble Fiber	--	g		Vitamin B2 Riboflavin.	0.919	mg
Total Sugars	9.34	g		Vitamin B3 Niacin	8.701	mg
Added Sugars	--	g		Vitamin B3-Niacin Equiv	8.70	mg
Monosaccharides	--	g		Vitamin B6	2.45	mg
Disaccharides	--	g		Vitamin B12	0	mcg
Other Carbs	--	g		Vitamin B7 Biotin	-	mcg
Fat	16.26	g		Vitamin C	76.40	mg
Saturated Fat	3.26	g		Vitamin D-IU	0	IU
Monounsaturated Fat 18:1	2.75	g		Vitamin D-mcg	--	mcg
polyunsaturated Fat 18:2 Linoleic	7.710	g		Vitamin E-Alpha-Toco	29.83	mg
Trans Fatty Acid 18:3 Linolenic	0.660	g		Folate Naturally Occurring	106.00	mg
Cholesterol	0	mg		Folate, DFE	0	mcg DFE
Minerals				Vitamin K	80.3	mcg
Calcium	148	mg		Pantothenic Acid	0	mg
Chromium	-	mcg		**Poly Fats**		
Copper	.37	mg		Omega 3 Fatty Acid	--	g
Fluoride	-	mg		Omega 6 Fatty Acid	--	g
Iodine	-	mcg		**Other Nutrients**		
Iron	7.80	mg		Alcohol	--	g
Magnesium	152	mg		Caffeine	--	mg
Manganese	2.00	mg		Choline	51.50	mg
Molybdenum	-	mcg				
Phosphorus	293	mg				
Potassium	2,014	mg				
Selenium	8.80	mcg				
Sodium	30	mg				
Zinc	2.48	mg				

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