



NOVATION® 9560 Organic Starch 34481101

NOVATION® 9560 functional native starch is a certified organic waxy corn starch which provides the properties of premium cold water swelling (CWS) starches. NOVATION® 9560 functional native starch readily disperses and yields a short texture, good sheen, clarity, and smoothness when compared to traditional pregelatinized starch dispersions. NOVATION® 9560 functional native starch is made by a revolutionary technology that results in properties similar to modified CWS starches while meeting organic labeling criteria. This product is produced under Ingredion Incorporated's TRUETRACE® Identity Preserved Program for non-GM products.

Chemical and Physical Properties

	Min.	Max.
Moisture, %	-	12.0
pH (20% w/w slurry)	4.8	7.0
Viscosity (CML-M504H)		
15 min, MVU	480	720
End, MVU	530	850

Physical Appearance

	Typical
Color	Off-White to Cream
Form	Coarse Powder

Screen Test

	Typical
% thru U.S.S. #20	>98

Microbiological Limits

Initial testing is done on a single composite sample against a limit of m. If result is above m, the three class sampling and acceptance below is used.

	n	c	m	M
Total Plate Count/g	5	3	1,000	10,000
Yeast/g	5	3	200	1,000
Mold/g	5	3	200	1,000
Enterobacteriaceae	5	3	10	100

Where n = # of samples tested; c = maximum allowable number of results between m and M; m = upper target limit; M = maximum acceptable value.

<i>E. coli</i>	Negative
<i>Salmonella</i>	Negative

Nutritional Data/100 g

	Typical
Calories	365
Calories from fat	0
Total Fat, g	<0.1*
Saturated Fat, g	0
Trans Fat, g	0
Cholesterol, mg	0
Sodium, mg	34
Total Carbohydrate, g	91.1
Dietary Fiber, g	0
Total Sugars, g	0
Added Sugars, g	0
Other Carbohydrate, g	91.1
Protein, g	0.1
Vitamin D, mcg	0
Calcium mg	12
Iron, mg	<0.2*
Potassium, mg	<10*
Ash, g	<0.1*

* Not present at level of quantification.

Certification

Kosher pareve
Halal

Packaging and Storage

NOVATION® 9560 functional native starch is packaged in multi ply kraft paper bags with a net weight of 55 lbs. NOVATION® 9560 functional native starch should be stored in a clean, dry area at ambient temperature and away from heavily aromatic material.

Shelf Life

The best before date for NOVATION® 9560 functional native starch is 24 months from the date of manufacture.

Regulatory Data

Source	Organic Waxy Maize (TRUETRACE® IP)
CAS No.	9037-22-3

United States

Meets FCC (Food Chemical Codex) requirements.
Meets National Organic Program (NOP) standards.
Labeling Organic Corn Starch

Canada

Standard of Identity	B.13.011
Labeling	Organic Corn Starch

Features and Benefits

NOVATION® 9560 functional native starch disperses easily in hot and cold water systems, such as soups, sauces, and gravies and yields a smooth, short texture with good clarity and sheen. Upon hydration, the product will show a slight surface grain that will become very smooth when heated. NOVATION® 9560 functional native starch will not set to a gel upon cooling. This product also has moderate resistance to the effects of heat, acid and shear. This improved resistance over native pre-gelatinized starches contributes superior textural and shelf-life stability. The flavors of the food systems formulated with NOVATION® 9560 functional native starch are brighter and have greater intensity when compared to the same systems formulated with some other modified starches. This product is produced under Ingredion Incorporated's TRUETRACE® Identity Preserved Program for non-GM products.

Effective Date: April 5, 2024

Next Review Date: April 5, 2027

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