

X-PAND'R® Starch

1230010224600, 1230010224520, 1230010215021, 1230010212220,
1230010210400, 12300102

Appearance: Powder

Color: White

Odor: Starch

Solubility Statement: 20% minimum solubility in water

Quality Inspection Plan (Official Specification Values)

Parameter	Target	Range/ Attribute	Unit	Method
MOISTURE		<= 6.0	%	MOISTURE - TN46550
pH		5.00 - 6.00		pH - TN60045
FOREIGN MATTER		<= 10	ppm	Foreign Matter - TN32557
ASH		<= 1.50	%	Ash - TN09560
SO2		<= 9.0	ppm	Sulfur Dioxide - TN80090
SCREEN THRU US#100		>= 95.00	%	Screen Size - TN70002
SCREEN THRU US#200		>= 75.00	%	Screen Size - TN70002
RVA VISC INITIAL		225.0 - 650.0	cps	RVA Viscosity - TN91166
RVA VISC FINAL		225.0 - 375.0	cps	RVA Viscosity - TN91166
BACTERIA TOTAL		<= 2000	CFU/g	Total Plate Count - TN10560
YEAST		<= 50	CFU/g	Mold & Yeast - TN47010
MOLD		<= 50	CFU/g	Mold & Yeast - TN47010
SALMONELLA/25g		Negative		Salmonella - TN10547
E. COLI/g		None Detected		Coliforms - TN10510
COLIFORMS		<= 3	MPN/g	Coliforms - TN10510

Product Composition / Labeling

Food Starch-Modified

Regulatory Status

Compliance Statement:

- Complies with FDA Regulation 21CFR172.892 as Food Starch Modified.

21 CFR References: 21CFR172.892

Food Additives Number: INS 1401

Country of Origin

Country of Manufacture: United States

Kosher Status

Certified Kosher: Yes

Certified Kosher for Passover: No

The above-mentioned ingredient or its components is certified Kosher by:

- Orthodox Union (OU)

Halal Status

Certified Halal: Yes

Vegetarian Status

Vegetarian: Suitable

Vegan: Suitable

Ovo-Vegetarian: Suitable

Lacto-Vegetarian: Suitable

Lacto-Ovo-Vegetarian: Suitable

Presence of Allergens

If present in this Tate & Lyle ingredient, allergens will be denoted as "Present" in the table below.

Allergen	Status
Crustacean & Shellfish	Absent
Mollusk	Absent
Fish	Absent
Egg	Absent
Milk (including Lactose)	Absent
Peanut & Oils	Absent
Soybean & Oils	Absent
Gluten Containing: Wheat, Rye, Barley, Oats, Spelt, Kamut, Triticale	Absent
Seeds, Sesame & Oils	Absent
Celery/Celery	Absent
Mustard	Absent

Lupin	Absent
Tree Nuts, Almond	Absent
Tree Nuts, Brazil	Absent
Tree Nuts, Cashew	Absent
Tree Nuts, Chestnut	Absent
Tree Nuts, Coconut and Oils	Absent
Tree Nuts, Hazelnut / Filbert	Absent
Tree Nuts, Hickory	Absent
Tree Nuts, Macadamia	Absent
Tree Nuts, Pine	Absent
Tree Nuts, Pistachio	Absent
Tree Nuts, Queensland	Absent
Tree Nuts, Walnut	Absent
Buckwheat	Absent
Bee Pollen/ Propolis	Absent
Royal Jelly	Absent
Pork	Absent
Peach	Absent
Tomato	Absent
Sulfur Dioxide and Sulfite > 10 ppm	Absent

Meaning of Present/Absent/Present-Exempt

Present - Intentionally added during the production process.

Absent - Not intentionally added during the production process.

Present-Exempt - Intentionally added during the production process, however have been given exemption from being required to be labeled on the final package.

The above list of allergens is in accordance with all applicable EU and US legal requirements.

Additional allergen information is available in the Product Information Sheet for X-PAND'R® Starch

GMO Status

The above-mentioned ingredient is not considered Non-GMO

For additional information regarding the GM status of the above-mentioned ingredient, please refer to the Product Information Sheet.

Storage Conditions

Container	Storage Temperature	Storage conditions to achieve maximum shelf life
Multiwall Bag, Bulk Bag		Store at ambient temperature and

humidities. Storage in a cool, dry area will increase shelf life.

Shelf Life

Package	Shelf Life	Sulfur Dioxide and Sulfite Level
Multiwall Bag, Bulk Bag	730 Days	< 10 ppm

Organic Statement

Certified for Organic Labeling: No

For more information please consult the Product Information Sheet for X-PAND'R® Starch

Nutritional Information

Nutritional Information	Nutrients Per 100 Grams
Calories	384 kcal
Total Fat	0 g
Saturated Fat	0 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	200.0 mg
Total Carbohydrate	95.9 g
Dietary Fiber	0 g
Total Sugars	0 g
Protein	0.25 g
Vitamin D	0 µg (0 IU)
Calcium	0 mg
Iron	0.1 mg
Potassium	0 mg
Moisture	3.4 g
Ash	0.6 g

United States Format

Note: A value of 0 means this product is not a significant source of this nutrient.

Supplier Information

Name: Tate & Lyle
Address: 2200 E Eldorado
Decatur, IL 62525
USA
Main Phone: 1-217-423-4411
Main Fax: 1-217-421-2628
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