

Arrowroot Starch

Specification Sheet

Description: Arrowroot starch (also called arrowroot powder) is a powdery product extracted from the roots of the arrowroot plant (*Maranta Arundinaceae*). The powder contains primarily various starch components (e.g. amylose), proteins, and various minerals including sodium, potassium, magnesium, iron, calcium, and zinc. Gluten-free. Not irradiated. Particle size: 100% through 40 mesh.

CAS: Not available

INCI Name: Maranta Arundinacea (arrowroot) root extract

Composition: Maranta Arundinacea (arrowroot) root extract

Appearance: Fine, white powder

Benefits:

- Excellent texturizer and filler with thickening properties useful for skin and hair care products.
- Has great moisture-absorbing and slight deodorant qualities.
- Makes skin silkier, softer, and smoother, especially when used in body powders.
- Has anti-irritant and non-allergenic properties (does not have antimicrobial properties).
- Can replace talc in formulas.
- Often used as thickener in hair dye products.

Use: Add as is to formula, preferentially to water phase. No heating is required. Typical use level is 3-30% depending on desired viscosity. For external use only.

Applications: Body powders, makeup powders, baby powder, deodorants, athlete's foot products, anti-irritant skin care products, creams, lotions, eye cosmetics, hair care products.

Solubility: Water-insoluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: Thailand

Raw material source: Roots of the arrowroot plant (*Maranta arundinaceae*)

Manufacture: Before extracting the starch, the roots are washed and the scales are removed to avoid any disagreeable flavor. The roots are then crushed in mortars resulting in a milky liquid which is passed through a coarse cloth. The insoluble, pure starch is allowed to settle at the bottom and is further dried resulting in a fine powder.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3505100000