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## 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. Appearance: fine, white powder (particle size: 100% through 40 mesh). Not soluble in water.

**CAS:** Not available

**INCI Name:** Maranta Arundinacea (Arrowroot) root extract

**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.

**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