

## Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

Tapioca Starch Lot# 100623-107 Country of Origin: Thailand Manufacture Date: 06/2023 Expiration Date: 06/2026

Ingredient Name (INCI): Maniot Esculenta (Tapioca Starch) Composition: min 99% Tapioca Starch CAS no: 977002-81-5 Packaging: Bags, biodegradable bags Description: Light cream to white free flowing powder; odorless Applications: Skincare, Soap Manufacturing

Certificates/Grade: Kosher Star K, non-GMO Method of Extraction: Hydrocyclone then Dewatering Plant Part Used: Cassava Root Vegan: Yes Gluten Free: Yes Allergen: None known Food Grade: Yes but we are not a food certified facility

Analysis	Range	Results
Starch	>85%	87.45%
Moisture	<14%	12.40%
Ash	<0.2%	0.13%
Sulphur Dioxide	<10ppm	Complies
Viscosity (Brabender V)	>650	799
рН	5.0-7.0	6.14ph

Microbiological Analysis		
Total Aerobic Plate Count (cfu/g)	<10,000	Complies
Yeast and Mould (cfu/g)	<250	Complies
E.coli (MPN/g)	Absent (<3MPN/g)	<3 MPN/g
Salmonella (cfu/25g)	Absent	Complies

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.

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