

TEA LIFE AUSTRALIA PTY LTD

PRODUCT SPECIFICATION / CERTIFICATE OF ANALYSIS

1. Document Information

Product Name	Marshmallow Root
Document Type	Product Specification / Certificate of Analysis
Issue Date	30 September 2026
Responsible Person	Tobias Gospodarczyk

2. Product Identification

Common Name	Marshmallow Root
Botanical Name	Althaea officinalis L.
Plant Part	Dried root
Ingredient	100% Marshmallow Root
Product Type	Herbal infusion / food ingredient

3. Physical / Organoleptic Specifications

Appearance	Dried cut root pieces
Colour	Cream to pale beige / light brown
Aroma	Mild, characteristic earthy-root aroma
Flavour	Mild, earthy and slightly sweet
Foreign Matter	Free from visible foreign matter under normal inspection

4. Microbiological Specifications

Test	Specification	Result
Total Plate Count	NMT 10,000 CFU/g	Conforms
Total Yeast & Mould	NMT 1,000 CFU/g	Conforms
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

5. Chemical / Contaminant Specifications

Test	Specification	Result	Method
Moisture	NMT 5.0%	2.18%	5 g / 105 C / 2 hrs
Ash	NMT 5.0%	4.06%	2 g / 525 C / 3 hrs
Total Heavy Metals	NMT 10 ppm	Conforms	Atomic Absorption
Arsenic	NMT 1 ppm	Conforms	Atomic Absorption
Cadmium	NMT 1 ppm	Conforms	Atomic Absorption
Mercury	NMT 0.1 ppm	Conforms	Atomic Absorption
Lead	NMT 3 ppm	Conforms	Atomic Absorption

6. Additional Processing / Testing Information

Processing	Dried botanical material suitable for herbal infusion
Sterilisation / Treatment	High temperature and high pressure for a short time (5-10 seconds)
Caffeine	Naturally caffeine free

7. Food / Allergen / Product Information

Allergens	No allergens intentionally added. Packed in a facility handling a range of botanical products.
Added Sugar	None
Added Flavouring	None
Intended Use	For preparation as a herbal infusion and as a food ingredient

8. Packaging / Storage / Shelf Life

Packaging	Food-grade packaging suitable for dried tea and botanical products
Storage	Store airtight in a cool, dry and dark place, away from strong odours and direct sunlight
Shelf Life	Up to 4 years when stored airtight, cool, dry and dark.

9. Quality Statement

Tea Life Australia Pty Ltd confirms that the product described in this specification is supplied as Marshmallow Root (*Althaea officinalis* L.) and is intended for use as a herbal infusion / food ingredient. Product is packed and handled in accordance with Tea Life's established food safety and quality procedures.

Tea Life Australia Pty Ltd

2/3 Kurrajong Rd, North St Marys, NSW 2760

Email: hello@tealife.com.au

Phone: 0481 818 833

Website: www.tealife.com.au