

## Technical Data Sheet / TDS PlantaeDerMX® Mamaku Leaf Extract

**Product Code** PDMAM-G  
**Product Name** PlantaeDerMX® Mamaku Leaf Extract  
**INCI** Glycerin & Cyathea medullaris leaf extract

**Shelf Life** 24 months from the day of manufacturing  
Keep containers securely sealed. No smoking, naked lights or ignition sources. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Any unused portion should be kept sealed in the original container to avoid any contamination. Use PPE all the time and always follow GMP when handling and decanting.

**Storage Conditions**  
**Manufactured by** Organic Bioactives Ltd, New Zealand  
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Product Characteristics	Specification	Method
Colour	Translucent clear to liquid gold	
Appearance	Translucent liquid	
Odor	Standard to the plant	
<b>Physical-chemical Properties</b>		
Viscosity (RV 2/10) rpm@20°C	Not determined	
Density @20°C	Min 1.2552 @20°C	
pH@24°C	6 - 8	Standard pH method
<b>Microbiological Properties</b>		
Aerobic Plate Count (cfu/mL)	<100	Automated MPN count on TEMPO AC, Incubated at 35°C for 22-28 hours
Yeasts & Moulds(cfu/mL)	<100	Automated MPN count on TEMPO YM, Incubated at 25°C for 72-76 hours
Gram Negative Bacteria (cfu/mL) [ <i>Pseudomonas aeruginosa</i> ]	Absent	Enrichment broth incubated at 35-37°C for 48 hours, Cetrimide agar incubated at 35-37°C for 72 hours
<i>Staphylococcus aureus</i> (cfu/mL)	Absent	Double strength TSB at 35-37°C for 3 hours, TSB 10% salt at 35-37°C for 24 hours, Baird Parker agar

Decant with care and handle under strict GMP. Every effort is made to filter solid plant matter to obtain as clear gel as possible. Using the traditional nature of processing, small quantities of sediment may build over time.

The information contained herein is provided in good faith and, to the best of our knowledge, is true and correct. However, no warranty or guarantee is implied or inferred, and the information may be subject to change without further notice.

Organic Bioactives Ltd. products are sold with the understanding that the purchaser will conduct their own tests to determine the suitability of these products for their own intended applications.

Date: February 2022

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