

Technical Data Sheet / TDS

OceanDerMX® Restore & Protect

Product Code	ODRPP
Product Name	OceanDerMX® Restore & Protect
INCI	Aqua & Sarcothalia circumcincta & Camellia sinensis leaf & Cyathea medullaris leaf extract & Ribes nigrum fruit & Pentylene glycol
Shelf Life	24 months from the day of manufacturing
Storage Conditions	OceanDerMX range is efficiently preserved. However, due to the nature and unique composition of marine polysaccharides it should be stored at room temperature below 20°C . Any unused portion should be kept sealed in the original container to avoid any contamination.
Manufactured by	Organic Bioactives Ltd, New Zealand
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Product Characteristics	Specification	Method
Colour	Translucent Amber Gold	
Appearance	Semi liquid gel	
Odor	Slightly present sweet aroma, almost odourless	
Physical-chemical Properties		
Viscosity (RV 2/10) rpm@24°C	>750cP	Brookfield Viscometer
Density @24°C	1.070g/mL	
pH@24°C	5 - 8	Standard pH method
Microbiological Properties		
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) [Pseudomonas aeruginosa]	Absent	Enrichment broth incubated at 35-37°C for 48 hours, Cetrimide agar incubated at 35-37°C for 72 hours.

Staphylococcus aureus(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
Preservative:		
Pentylene glycol		na
Heavy metals		
Total heavy metals	Below the industry applied standards	ICP-MS analysis
Arsenic	Below the industry applied standards	ICP-MS analysis
Lead	Below the industry applied standards	ICP-MS analysis
Mercury	Below the industry applied standards	ICP-MS analysis

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: May 2022

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