

## Technical Data Sheet / TDS

### OceanDerMX® Calm & Soothe

<b>Product Code</b>	<b>ODCSP</b>
<b>Product Name</b>	<b>OceanDerMX® Calm &amp; Soothe</b>
<b>INCI</b>	Aqua & Sarcothalia circumcincta & Cyathea medullaris leaf extract & Macropiper excelsum leaf powder & Honey & Pentylene glycol
<b>Shelf Life</b>	24 months from the day of manufacturing
<b>Storage Conditions</b>	OceanDerMX range is efficiently preserved. However, due to the nature and unique composition of marine polysaccharides it should be stored at room temperature below <b>20°C</b> . Any unused portion should be kept sealed in the original container to avoid any contamination.
<b>Manufactured by</b>	Organic Bioactives Ltd, New Zealand
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Product Characteristics	Specification	Method
<b>Colour</b>	Translucent Amber Gold	
<b>Appearance</b>	Semi liquid gel	
<b>Odor</b>	Slightly present sweet aroma, almost odourless	
<b>Physical-chemical Properties</b>		
<b>Viscosity (RV 2/10) rpm@24°C</b>	>750cP	Brookfield Viscometer
<b>Density @24°C</b>	1.070g/mL	
<b>pH@24°C</b>	5 - 8	Standard pH method
<b>Microbiological Properties</b>		
<b>Aerobic Plate Count (cfu/mL)</b>	<100	Automated MPN count on TEMPO AC, Incubated at 35°C for 22-28 hours
<b>Yeasts &amp; Moulds(cfu/mL)</b>	<100	Automated MPN count on TEMPO YM, Incubated at 25°C for 72-76 hours
<b>Gram Negative Bacteria (cfu/mL) [Pseudomonas aeruginosa]</b>	Absent	Enrichment broth incubated at 35-37°C for 48 hours, Cetrimide agar incubated at 35-37°C for 72 hours.

<b>Staphylococcus aureus(cfu/mL)</b>	Absent	Double strength TSB at 35-37°C for 3 hours, TSB 10% salt at 35-37°C for 24 hours, Baird Parker agar
<b>Preservative:</b>		
Pentylene glycol		na
<b>Heavy metals</b>		
<b>Total heavy metals</b>	Below the industry applied standards	ICP-MS analysis
<b>Arsenic</b>	Below the industry applied standards	ICP-MS analysis
<b>Lead</b>	Below the industry applied standards	ICP-MS analysis
<b>Mercury</b>	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.

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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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