



# VINANZA® MARINE GEL

## PRODUCT SPECIFICATION

Product:	<b>Vinanza Marine Gel</b>
Product code:	VMG
Country of origin	New Zealand (raw material and manufacture)
Product description	Vinanza® Marine Gel, is manufactured from seaweed sustainably grown in marine farms in the Marlborough Sounds of New Zealand and prepared using New Zealand Extracts unique 100% Aqua Pure® extraction process. This uniquely functional product is rich in polysaccharides (alginic acid and fucoidan), carotenoids (fucoxanthin) and phenolics that have been shown to help improve skin hydration, reduce inflammation, and slow signs of aging.
Botanical description:	<i>Undaria pinnatifida</i>
Other name:	brown seaweed, wakame
CAS number:	none
Plant part:	leaf and sporophyll
Solvent:	potable water
Equivalence:	plant to gel 20:1
Plant preparation:	wash, extract, concentrate
Excipient:	none
GMO:	non-GMO
Minimum recommended dosage: 2.5% finished product (topical)	

### Physical, analytical and microbiological detail

Test	Specification	Method
Appearance	green / brown gel	Visual
Taste	Salty	Sensory evaluation
Odour	Light aromatic	Sensory evaluation
Loss on drying	< 5%	BP or USP loss on drying method
Solubility in water	> 95%	In-house method
Aerobic Plate Count	< 10,000 cfu/g	APHA 8.72 5th Ed
Yeasts and molds	< 500 cfu/g	APHA 21.5 (modified) 5th Ed
<i>Escherichia coli</i>	Negative/10g	APHA 9.93 (modified) 5th Ed
<i>Salmonella</i>	Negative/10g	ISO 6579-1:2017
<i>Staphylococcus aureus</i>	Negative/10g	APHA 39.6 (modified) 5th Ed
Shelf Life	24 months (2 years unopened)	
Packing	5 or 20 L food grade container	
Storage	Frozen at -18 if the product is stored for longer than 1 week	

**Date of Issue:** 4th Sept 2023

**Replaces:** 19th July 2023