



Plankton Australia Pty Limited

incorporating AquaCarotene Natural Culture™

Certificate of Analysis

Country of Origin	:	Australia
Product Name	:	Australian Marine Phytoplankton
Trade Names	:	Dunaliella Salina Dry Marine Algae®, AQL Dry Marine Algae®, Dunaliella Gold®
Synonyms	:	Whole dried Dunaliella Salina, Dry Seaweed Algae, Dunaliella Marine Plankton, Dry Marine Microalgae, Dry Marine Phytoplankton, Red Marine Phytoplankton
Botanical name	:	<i>Dunaliella salina</i>
Product Code	:	DMA
Batch No.	:	009
Date of Manufacture	:	10/04/12
Starting raw material	:	Identified as <i>Dunaliella Salina</i>
Plant part	:	Whole biomass
Appearance	:	Red / Orange / Brown powder
Odour	:	Characteristic
Taste	:	Characteristic (salty)
Identification	:	UV-VIS spectrophotometric fingerprint
Loss on drying	:	2.68% (Not greater than 10%)
Particle Size (interim)	:	100% through 40 mesh (maximum 425 microns)
Excipient	:	None
Carrier	:	None
Solvents used	:	No solvents are used in any part of the process.
Organic certification	:	This product is not genetically modified in any way and is Certified Organic
Expiry Date	:	60 months from date of manufacture in original, unopened packaging

Ingredient		Content	Batch Result
Pure whole dried <i>Dunaliella salina</i> biomass	:	100% w/w	Complies
Containing natural beta carotene	:	>1.0% (specification target)	1.45% (Assay by HPLC)

Heavy Metals	Batch Result	Specification	Assay Method
<i>Arsenic</i>	2.72mg/kg	<10 mg/kg	ICP-MS
<i>Cadmium</i>	0.03mg/kg	<0.40 mg/kg	
<i>Lead</i>	1.03mg/kg	<10 mg/kg	
<i>Mercury</i>	<0.01mg/kg	<0.20 mg/kg	

Microbiological	Batch Result	Specification	Assay Method
TAMC	200cfu/g	<10 ⁴ cfu/g	TGA Class 2b Methods and Guidelines
Yeast and mould	<100/g	<10 ² /g	
Enterobacteria	<10/g	<10 ² /g	
<i>E. Coli</i>	N.D/g	Not detected /g	
Salmonellae	N.D/10g	Not detected /10g	

APPROVED BY QUALITY CONTROL: This batch was analysed and released by our authorised quality control representative and was found to meet the specifications as per above.

Name: Suzanne McDermott

Signature: 

Position: Quality Manager

Date: 18.06.2014



ACN 144 578 852 ABN 24 144 578 852

PLANKTON AUSTRALIA PTY LIMITED: PO BOX 6446 Alexandria SYDNEY NSW AUSTRALIA 2015

Telephone: +61 2 9693 1911 Facsimile: +61 2 9693 1888 Email: mail@planktonaustralia.com Web: www.planktonaustralia.com