



RTR Geek Approval™ Certification



Product: Red Whale Krill Oil™

Certificate of Analysis Krill Oil 4225 - 2500

Report Date: November 15, 2012
Capsule Lot #: 120339
Bulk Oil Lot #: KR-00244
Encapsulator: Aspire Pharmaceuticals

Product Name: Azantis Krill Oil 4225-2500, 500 mg
Production Date: 10.2012
Best by date: 10.2014
Description: Reddish-orange to brown fill material in a clear shell softgel, size 10 oval

<u>Quality Attribute</u>	<u>Specification</u>	<u>Result</u>	<u>Method</u>
Fill color	Reddish-orange to brown	Conforms	STM001
Shell color	Clear	Conforms	STM001
Size	10	Conforms	STM004
Shape	Oval	Conforms	STM001
Fill weight	507 mg ± 1.5%	528.4 mg	USP<2091>
Weight variation	Meets USP <2091>	Conforms	USP<2091>
Average Total Weight	729 mg± 10%	787.5 mg	USP<2091>
Disintegration	Meets USP <2040>	Conforms	USP<2040>

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<u>Bacteriological Data</u>	<u>Specification</u>	<u>Result</u>	
Total Plate Count	< 1000 / 1g	<10 cfu /g	USP<2021>
Yeast & Mold	< 100 cfu /g	<10 cfu /g	USP<2021>
Total Coliforms	< 100 cfu /g	<10 cfu /g	FDA/BAM
E. Coli	Negative	Negative	USP<2021>
Salmonella	Negative	Negative	USP<2021>
Staphylococcus	Negative	Negative	USP<2021>

<u>Oil Ingredients (g / 100g)</u>	<u>Specification</u>	<u>Result</u>	<u>Method</u>
Phospholipids	n.l.t. 42	42	SAA-MET002-02
Omega-3	n.l.t. 30	31	AOCS-Ce 2-66
DHA* + EPA **	n.l.t. 25	26	AOCS-Ce 2-66
* Docosahexaenoic acid	n.l.t. 9	10	AOCS-Ce 2-66
** Eicosapentanoic acid	n.l.t. 15	16	AOCS-Ce 2-66
Astaxanthin (Esterified)	n.l.t. 0.25	0.28	DSM ver. 1.5 2009
Vitamin A (IU/g)	n.l.t. 100	217	AOAC 974.29

<u>Analytical Data</u>	<u>Specification</u>	<u>Result</u>	<u>Method</u>
Peroxide value (meq/KG)	n.m.t. 1	< 0.2v	AOCS Cd 8-53
Totox Value	n.m.t. 26	2	(2xPV)+AV
Water (%)	n.m.t. 2	0.5	AMT-005
Lead (ppm)	n.m.t. 0.2	Conforms	ICP-AES
Mercury (ppm)	n.m.t. 0.5	Conforms	ICP-MS

<u>Physical Properties</u>	<u>Specification</u>	<u>Result</u>
Consistency	Viscous Liquid	Conforms

Azantis Krill Oil should be kept in a cool dry place (below 25 °C) avoiding exposure to both light and moisture.