



Advanced Laboratories®, Inc.

"Unconventional by Design"

FDA Registration #3006423386

40 West Louise Ave., Salt Lake City, UT 84115

Phone: (801) 485-1800 Fax: (801) 484-9211

Email: utlab@advancedlabsinc.com

Test Certificate

Sample Description: Aquamin F

Sample Lot Number: 002123

Sample Part Code:

Location:

PO No:

Received Date: 1/14/11 14:52

Completed Date: 2/1/2011

Client Name: Marigot Limited

and Address: Strand Farm, Currabinny

Carrigaline, Co. Cork

Ireland

Lab No: 55318-03

Lab Comments:

Analysis	Result	Per Unit	Method
Aluminum	119	ppm	ICP-MS/ICP-OES
Antimony	0.337	ppm	ICP-MS/ICP-OES
Arsenic	0.072	ppm	ICP-MS/ICP-OES
Barium	4.56	ppm	ICP-MS/ICP-OES
Beryllium	0.18	ppm	ICP-MS/ICP-OES
Bismuth	0.127	ppm	ICP-MS/ICP-OES
Boron	23.54	ppm	ICP-MS/ICP-OES
Bromine	7.24	ppm	IC
Cadmium	0.568	ppm	ICP-MS/ICP-OES
Calcium	364,000	ppm	ICP-MS/ICP-OES
Carbon	121.,100	ppm	ICP-MS/ICP-OES
Cerium	0.105	ppm	ICP-MS/ICP-OES
Cesium	0.072	ppm	ICP-MS/ICP-OES
Chloride	928	ppm	IC
Chromium	0.91	ppm	ICP-MS/ICP-OES
Cobalt	0.946	ppm	ICP-MS/ICP-OES
Copper	1.78	ppm	ICP-MS/ICP-OES
Dysprosium	0.082	ppm	ICP-MS/ICP-OES

THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.

THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

Results Approved By: Shane Shupe
Shane Shupe

Dated: 2/1/2011



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Erbium	0.637	ppm	ICP-MS/ICP-OES
Europium	0.030	ppm	ICP-MS/ICP-OES
Fluoride	6.98	ppm	IC
Gadolinium	0.074	ppm	ICP-MS/ICP-OES
Gallium	0.176	ppm	ICP-MS/ICP-OES
Germanium	0.205	ppm	ICP-MS/ICP-OES
Gold	<0.01	ppm	ICP-MS/ICP-OES
Hafnium	<0.03	ppm	ICP-MS/ICP-OES
Holmium	<0.05	ppm	ICP-MS/ICP-OES
Indium	0.011	ppm	ICP-MS/ICP-OES
Iodine	27.1	ppm	ICP-MS/ICP-OES
Iridium	<0.05	ppm	ICP-MS/ICP-OES
Iron	679	ppm	ICP-MS/ICP-OES
Lanthanum	0.33	ppm	ICP-MS/ICP-OES
Lead	0.185	ppm	ICP-MS/ICP-OES
Lithium	6.82	ppm	ICP-MS/ICP-OES
Lutetium	0.083	ppm	ICP-MS/ICP-OES
Magnesium	29,890	ppm	ICP-MS/ICP-OES
Manganese	37.41	ppm	ICP-MS/ICP-OES
Mercury	<0.005	ppm	ICP-MS/ICP-OES
Molybdenum	<0.5	ppm	ICP-MS/ICP-OES
Neodymium	0.053	ppm	ICP-MS/ICP-OES
Nickel	0.88	ppm	ICP-MS/ICP-OES
Niobium	1.03	ppm	ICP-MS/ICP-OES
Osmium	<0.05	ppm	ICP-MS/ICP-OES
Palladium	<0.01	ppm	ICP-MS/ICP-OES
Phosphorous	70.2	ppm	ICP-MS/ICP-OES
Platinum	<0.01	ppm	ICP-MS/ICP-OES
Potassium	475	ppm	ICP-MS/ICP-OES
Praseodymium	0.628	ppm	ICP-MS/ICP-OES
Rhenium	<0.05	ppm	ICP-MS/ICP-OES
Rhodium	<0.01	ppm	ICP-MS/ICP-OES
Rubidium	1.39	ppm	ICP-MS/ICP-OES

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Results Approved By:

Shane Shupe

Dated:

2/1/2011



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Ruthenium	<0.02	ppm	ICP-MS/ICP-OES
Samarium	0.552	ppm	ICP-MS/ICP-OES
Scandium	0.829	ppm	ICP-MS/ICP-OES
Selenium	2.52	ppm	ICP-MS/ICP-OES
Silicon	43.22	ppm	ICP-MS/ICP-OES
Silver	0.043	ppm	ICP-MS/ICP-OES
Sodium	5,656	ppm	ICP-MS/ICP-OES
Strontium	2,241	ppm	ICP-MS/ICP-OES
Sulfur	25,850	ppm	ICP-MS/ICP-OES
Tantalum	0.039	ppm	ICP-MS/ICP-OES
Tellurium	0.311	ppm	ICP-MS/ICP-OES
Terbium	0.095	ppm	ICP-MS/ICP-OES
Thallium	0.107	ppm	ICP-MS/ICP-OES
Thorium	<0.05	ppm	ICP-MS/ICP-OES
Thulium	0.178	ppm	ICP-MS/ICP-OES
Tin	0.083	ppm	ICP-MS/ICP-OES
Titanium	16.41	ppm	ICP-MS/ICP-OES
Tungsten	0.059	ppm	ICP-MS/ICP-OES
Vanadium	3.06	ppm	ICP-MS/ICP-OES
Ytterbium	0.207	ppm	ICP-MS/ICP-OES
Yttrium	1.19	ppm	ICP-MS/ICP-OES
Zinc	0.108	ppm	ICP-MS/ICP-OES
Zirconium	1.21	ppm	ICP-MS/ICP-OES

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