



Nautilus Environmental

8664 Commerce Court, Burnaby, BC V5A 4N7

WO#: 11458

Mr. Bill Powell
Environment Depot
3160 Eagle Ridge Rd.
Grand Forks, BC
V0H 1H2

October 18, 2011

Dear Mr. Powell:

Re: Toxicity testing on the chemical identified as Acti-Zyme [Received on August 23, 2011]

Nautilus Environmental is pleased to provide you the results of the 96-h multiple concentration toxicity test with rainbow trout on the above compound, received on August 23, 2011. Testing was conducted according to Environment Canada protocol 1/RM/9, (1996, including May 2007 amendments). The concentrations tested were 0.1, 0.05, 0.01, 0.001 and 0.0001 g/L. The result of this test is provided in the table below and is based on the appended data. All acceptability criteria outlined in the Environment Canada protocol were met.

Table A. Result for the 96-h rainbow trout test.

Acti-Zyme Concentration (g/L)	Initiation Date and Time	96-h Survival (%) ¹
0.0001	October 13, 2011 @ 1115h	100
0.001	October 13, 2011 @ 1115h	100
0.01	October 13, 2011 @ 1115h	100
0.05	October 13, 2011 @ 1115h	100
0.1	October 13, 2011 @ 1115h	100

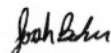
¹ Results relate only to the sample tested.

The 96-hr LC50 is therefore > 0.1 g/L Acti-Zyme.

Please feel free to contact the undersigned at 604-420-8773 should you have any questions or require any additional information.

Yours truly,

Nautilus Environmental



Josh Baker, M.Sc.
Environmental Scientist

