



Certificate of Analysis

For Life Science research use only.
Not for use in diagnostic procedures.

Product Name: β -Glucuronidase from red abalone (*Haliotis rufescens*)
Form: Liquid solution
Catalog Number: **BETA-GLUC**
Lot Number: **L141014**
Storage Temperature: +2 to +8 °C

CAS RN 9001-45-0
EC 3.2.1.31
Synonym: β -D-Glucuronide glucuronosohydrolase

Manufactured date 14 October 2014
Analysis date 14 October 2014
Recommended re-evaluation date 14 October 2015

TEST	SPECIFICATION	RESULT	
Appearance	Amber solution	Amber solution	Pass
Glucuronidase Activity	$\geq 100,000$ Units/ml	131,767 Units/ml	Pass
Sulfatase Activity	$\leq 8,000$ Units/ml	2,139 Units/ml	Pass

Glucuronidase Unit Definition: One Unit will liberate 1.0 μ g of phenolphthalein from phenolphthalein glucuronide per hour at pH 5.0 and 37 °C (30 min assay).

Sulfatase Unit Definition: One unit will hydrolyze 1.0 μ mole of p-nitrocatechol sulfate per hour at pH 5.0 and 37 °C.

Analyzed by:

Roberto Muñoz
Title: Analyst

Approved by:

Martha Heller
Title: Quality Assurance Director

Doc Approval Date: 1/2/2014

Page 1 of 1