



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: Lyophilized powder
Catalog Number: **BETA-GLUC**
Lot Number: **S150622**
Storage Temperature: -20° C

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

Manufactured date 22 June 2015
Analysis date 22 June 2015
Recommended re-evaluation date 22 June 2018

TEST	SPECIFICATION	RESULT	
Appearance	Brown powder	Brown powder	Pass
Glucuronidase Activity	1,000,000 to 6,000,000 Units/gr solid	4,002,892 Units/gr solid	Pass
Sulfatase Activity	< 150,000 Units/gr solid	16,029 Units/gr solid	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