



# Certificate of Analysis

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

Product Name:  $\beta$ -Glucuronidase from red abalone (*Haliotis rufescens*)  
Form: Liquid solution  
Catalog Number: **BETA-GLUC**  
Lot Number: **L180920**  
Storage Temperature: +2 to +8 °C

CAS RN 9001-45-0  
EC 3.2.1.31  
Synonym:  $\beta$ -D-Glucuronide glucuronosohydrolase

Manufactured date                      September 20, 2018  
Analysis date                              September 21, 2018  
Recommended re-evaluation date      September 21, 2019

TEST	SPECIFICATION	RESULT	
Appearance	Clear amber solution	Clear amber solution	Pass
Glucuronidase Activity	$\geq 100,000$ Units/ml	131,476 Units/ml	Pass
Sulfatase Activity	$\leq 8,000$ Units/ml	854 Units/ml	Pass

Glucuronidase Unit Definition: One Unit will liberate 1.0  $\mu$ 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  $\mu$ mole of p-nitrocatechol sulfate per hour at pH 5.0 and 37 °C.

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