

β-Glucuronidase & Sulfatase

Cat. No. GSGZ-0001

Lot. No. (See product label)

Introduction

Description

A glycerol-free liquid enzyme mixture combining β-glucuronidase and sulfatase activities for hydrolysis of glucuronide- and sulfate-conjugated compounds.

Applications

Enzymatic sample preparation for GC, HPLC, immunological assays, and related analytical methods involving glucuronide- and sulfate-conjugated analytes.

Synonyms

β-Glucuronidase/Arylsulfatase; β-Glucuronidase and Sulfatase Mixture

Product Information

Species

Abalone; Roman snail

Source

β-Glucuronidase: abalone Sulfatase: Roman snail

Form

Liquid

CAS No.

9001-45-0

Activity

β-Glucuronidase: >100,000 units/mL Sulfatase: <20,000 units/mL

Composition

β-Glucuronidase from abalone Sulfatase from Roman snail Glycerol: None

Specificity

Hydrolyzes β-D-glucuronide conjugates and sulfate ester conjugates.

Function

Releases unconjugated analytes by cleaving glucuronide and sulfate ester linkages.

Components

β-Glucuronidase Sulfatase

Usage

For enzymatic deconjugation of glucuronide- and sulfate-conjugated analytes before GC, HPLC, or immunological analysis.

Storage and Shipping Information

Storage

2–8°C