

## Native Spinach Phosphoriboisomerase

Cat. No. NATE-0561

Lot. No. (See product label)

### Introduction

#### Description

Phosphoriboisomerase is responsible for the conversion of ribose 5-phosphate to ribulose 5-phosphate.

#### Applications

Phosphoriboisomerase is used to study the ribulose monophosphate pathway. Phosphoriboisomerase from spinach is used in enzyme assays to convert ribose 5-phosphate to ribulose 5-phosphate.

#### Synonyms

ribose-5-phosphate isomerase; phosphopentosisomerase; phosphoriboisomerase; ribose phosphate isomerase; 5-phosphoribose isomerase; D-ribose 5-phosphate isomerase; D-ribose-5-phosphate ketol-isomerase; EC 5.3.1.6; 9023-83-0

### Product Information

#### Source

Spinach

#### Form

partially purified powder

#### EC Number

EC 5.3.1.6

#### CAS No.

9023-83-0

#### Activity

> 75 units/mg protein (biuret)

#### Unit Definition

One unit will convert 1.0  $\mu$ mole of D-ribose 5-phosphate to D-ribulose 5-phosphate per min at pH 7.7 at 30°C.

### Storage and Shipping Information

#### Storage

-20°C