

## Arabinofuranosidase 43A from *Streptomyces avermitilis*, Recombinant

Cat. No. NATE-1315

Lot. No. (See product label)

### Introduction

#### Description

Alpha-N-arabinofuranosidase is an enzyme with system name alpha-L-arabinofuranoside arabinofuranohydrolase. This enzyme catalyses the following chemical reaction: Hydrolysis of terminal non-reducing alpha-L-arabinofuranoside residues in alpha-L-arabinosides. The enzyme acts on alpha-L-arabinofuranosides, alpha-L-arabinans containing (1,3)- and/or (1,5)-linkages, arabinoxylans and arabinogalactans.

#### Synonyms

non-reducing end alpha-L-arabinofuranosidase; alpha-L-arabinofuranoside non-reducing end alpha-L-arabinofuranosidase; EC 3.2.1.55; arabinosidase; alpha-arabinosidase; alpha-L-arabinosidase; alpha-arabinofuranosidase; polysaccharide alpha-L-arabinofuranosidase; alpha-L-arabinofuranoside hydrolase; L-arabinosidase; alpha-L-arabinanase; Alpha-N-arabinofuranosidase;  $\alpha$ -L-Arabinofuranosidase

### Product Information

#### Species

*Clostridium stercorarium*

#### Source

*E. coli*

#### Form

35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl<sub>2</sub>, 0.02% sodium azide and 25% (v/v) glycerol

#### EC Number

EC 3.2.1.-

#### CAS No.

9067-74-7

#### Molecular Weight

36.4 kDa

#### Purity

>90% by SDS-PAGE

#### Concentration

1 mg/mL

#### Optimum pH

5.0-6.5

#### Optimum temperature

45 °C

#### Specificity

PNP- $\alpha$ -L-arabinofuranoside and debranched arabinan

### Storage and Shipping Information

#### Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.