

## Arabinoxylan arabinofuranohydrolase from *Bacillus subtilis*, Recombinant

Cat. No. NATE-1199

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

**Source** Bacillus subtilis subsp. subtilis str. 168

**Form** Supplied in 3.2 M ammonium sulphate

**EC Number** EC 3.2.1.55

**CAS No.** 9067-74-7

**Molecular Weight** 53852.8 Da

**Purity** > 95 % as judged by SDS-PAGE

**Optimum pH** 5.6

**Optimum temperature** 45°C

### Storage and Shipping Information

**Storage** Store at 4°C (shipped at room temperature)