

## Native Escherichia coli Asparaginase

Cat. No. PHAM-226

Lot. No. (See product label)

## Introduction

**Description** Asparaginase (EC 3.5.1.1, USAN) or Colaspase (BAN) is an enzyme that catalyzes the hydrolysis of

asparagine to aspartic acid. Asparaginases are enzymes expressed and produced by microorganisms.

Applications Asparaginase is used in enzymatic assays and to convert asparagine to aspartic acid. Asparaginase is

used to reduce the formation of acrylamide in starchy food products. It is also used as a chemotherapy agent for acute lymphoblastic leukemia. Product is from Escherichia coli and is provided as a lyophilized

powder containing sodium chloride.

**Synonyms** EC 3.5.1.1; Asparaginase; Colaspase; L-asparaginase; L-asparagine amidohydrolase

## **Product Information**

**Source** Escherichia coli

**Form** lyophilized powder

**EC Number** EC 3.5.1.1

*CAS No.* 9015-68-3

**Composition** Protein, > 60%

**Unit** One unit will liberate 1.0 μmole of ammonia from L-asparagine per min at pH 8.6 at 37 °C.

**Definition** 

## Storage and Shipping Information

**Storage** 2-8°C

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