

## L-(+)-Arabinose

Cat. No. CSUB-0830

Lot. No. (See product label)

### Introduction

#### Description

L-Arabinose is the naturally occurring isomer and constituent of plant polysaccharides. Most bacteria contain an inducible arabinose operon which codes for a series of enzymes and transporters that allows L-arabinose to be used as the sole carbon source in microbial culture.

#### Applications

A ubiquitous naturally occurring saccharide

#### Synonyms

L-ARA; FEMA 3255; PECTIN SUGAR; (3R,4S,5S)-2,3,4,5-tetrol--oxane; L-Arabinose(9CI); pectinose; L-ARABINOSE SYRUP 70%; L-ARABINOSE, POWDER

### Product Information

#### Form

Solid

#### CAS No.

5328-37-0

#### Molecular Formula

C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

#### Molecular Weight

150.13

#### Purity

>99%

#### Melting Point

160-163° C (lit.)

#### Solubility

Soluble in water (1 M) at 20° C, and glycerol. Insoluble in alcohol.

#### Substrates

LDH

### Storage and Shipping Information

#### Storage

Store at room temperature