

## galactarate dehydratase

Cat. No. EXWM-5031

Lot. No. (See product label)

### Introduction

**Description** The enzyme from the bacterium Escherichia coli is specific for galactarate, while the enzyme from Salmonella typhimurium also has activity with L-talarate (cf. EC 4.2.1.156, L-talarate dehydratase). cf. EC 4.2.1.158, galactarate dehydratase (D-threo-forming).

**Synonyms** D-galactarate hydro-lyase; D-galactarate hydro-lyase (5-dehydro-4-deoxy-D-glucarate-forming); talrD (gene name)/galrD (gene name); galactarate dehydratase (L-threo-forming)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.1.42

**CAS No.** 37290-78-1

**Reaction** galactarate = (2R,3S)-2,3-dihydroxy-5-oxohexanedioate + H<sub>2</sub>O

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.