

Bioactive

## Galactose Oxidase (*D. dendroides*)

Catalog # P5288

Size 150 Units

### Specification

<b>Product Description</b>	Lyophilized.
<b>Biological function</b>	Galactose oxidase oxidizes galactose and some galactose derivatives in both free and polymeric forms.
<b>Host</b>	Fungi
<b>Theoretical MW (kDa)</b>	65~71
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Native protein purified from <i>Dactylium dendroides</i>
<b>Activity</b>	≥30 units per mg dry weight. One Unit equals a change in absorbance at 425 nm of 1.0 per minute at 25°C, pH 6.0 using a peroxidase/o-tolidine coupled assay with galactose as the substrate.
<b>Recommend Usage</b>	Galactose Oxidase Assay
<b>Storage Instruction</b>	Store at -20°C on dry atmosphere.
<b>Note</b>	Contains sodium phosphate and sucrose as stabilizers. One A <sub>425</sub> unit is approximately equivalent to 0.54 umole oxidized galactose.

### Applications

- Enzyme Activity