

## L-glutamate oxidase

Cat. No. EXWM-1467

Lot. No. (See product label)

### Introduction

**Description** A flavoprotein (FAD).The enzyme from Azotobacter previously listed under this number, which did not produce H<sub>2</sub>O<sub>2</sub>, was a crude cell-free extract that probably contained catalase.

**Synonyms** glutamate (acceptor) dehydrogenase; glutamate oxidase; glutamic acid oxidase; glutamic dehydrogenase (acceptor); L-glutamic acid oxidase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.4.3.11

**CAS No.** 39346-34-4

**Reaction** L-glutamate + O<sub>2</sub> + H<sub>2</sub>O = 2-oxoglutarate + NH<sub>3</sub> + H<sub>2</sub>O<sub>2</sub>

**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.