

# LIPOXIDASE

<b>EC Number</b>	1.13.11.12
<b>Systematic Name</b>	Linoleate: oxygen 13-oxidoreductase
<b>Alternative Names</b>	Lipoxygenase, Carotene oxidase
<b>Assay Principle</b>	Linoleate + oxygen $\xrightarrow{\text{Lipoxidase}}$ 13 hydroperoxyoctadeca-9, 11-dienoate
<b>Unit Definition</b>	That amount of enzyme causing an increase in extinction at 234nm of 0.001 per minute at 25°C and pH 9.0

## How can Lipoxidase be used?

Lipoxidase is an enzyme which catalyzes the oxidation of unsaturated fatty acids and is used in the biosynthesis of a variety of compounds.



## Key Benefits

### + CONSISTENCY OF SUPPLY

BBI have been manufacturing Lipoxidase for over 40 years

### + BULK CAPABILITY

Our batch sizes are up to 1.3kg so we can fulfil more of your orders from a single batch saving you money

## Product Analysis

<b>Code</b>	LPX1
<b>Batch</b>	115A
<b>Activity</b>	269,000 U/mg material
<b>Storage</b>	Store desiccated at -15°C or below.
<b>Stability</b>	Stable for 6 months when stored in accordance with storage conditions.

## ORDERING DETAILS - USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description	Applications
Lipoxidase	LPX1-mu	>200,000 U/mg material	Biocatalysis

Order a sample today [sales@bbisolutions.com](mailto:sales@bbisolutions.com)

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