

## Native Bilirubin oxidase

### SPECIFICATION

<b>Cat.No.</b>	BOD-38
<b>Species</b>	Bacillus subtilis
<b>Product Name</b>	Native Bilirubin oxidase
<b>Product Overview</b>	Native Bilirubin oxidase (EC 1.3.3.5) was purified from Bacillus subtilis.
<b>Description</b>	In enzymology, a bilirubin oxidase (EC 1.3.3.5) is an enzyme that catalyzes the chemical reaction $2 \text{ bilirubin} + \text{O}_2 \rightarrow 2 \text{ biliverdin} + 2 \text{ H}_2\text{O}$ . Thus, the two substrates of this enzyme are bilirubin and $\text{O}_2$ , whereas its two products are biliverdin and $\text{H}_2\text{O}$ .
<b>Source</b>	Bacillus subtilis
<b>Form</b>	Light blue to blue lyophilized powder.
<b>Bio-activity</b>	$\geq 5.0$ U/mg
<b>Storage</b>	Store in tightly closed containers, desiccated, protected from light, at $-20^\circ\text{C}$ .