

Active Native Bilirubin oxidase

Cat. No. BOD-38 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Bilirubin oxidase (EC 1.3.3.5) was purified from Bacillus subtilis.
Species	Bacillus subtilis
Source	Bacillus subtilis
Description	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 O_2 , whereas its two products are biliverdin and H_2O .
Form	Light blue to blue lyophilized powder.
Bio-activity	≥ 5.0 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C .

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