

Active Native Lactate Oxidase

Cat. No. LOX-41 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Lactate Oxidase (EC 1.13.12.4) was purified from <i>Aerococcuss viridans</i> .
Species	<i>Aerococcuss viridans</i>
Source	<i>Aerococcuss viridans</i>
Description	In enzymology, a lactate 2-monooxygenase (EC 1.13.12.4) is an enzyme that catalyzes the chemical reaction (S)-lactate + O ₂ → acetate + CO ₂ + H ₂ O. Thus, the two substrates of this enzyme are (S)-lactate and O ₂ , whereas its 3 products are acetate, CO ₂ , and H ₂ O.
Form	Yellowish lyophilized powder.
Bio-activity	20~60 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C.

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