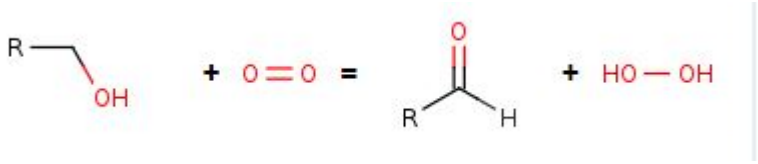
Alcohol - oxidase

peroxisomal alcohol oxidase; E.C. 1.1.3.13

Description: Oxidase which uses primary alcohols and molecular oxygen as electron acceptor

Catalysed reaction:



Primary alcohol + Oxygen → Aldehyde + hydrogene peroxide

Origin: *Pichia pastoris*

Application: Detection of alcohols, biosensorics

Activity: > 500 U/ mL
(Method: ASA Spezialenzyme GmbH)

Specific activity: > 10 U/ mg Protein

Parameter:		
	pH	Optimum: 7.5, effective in the range of pH 6.0 - 9.5
	Temperature	Optimum: 25°C, effective in the range of 20 – 45°C

Article-no.: 2010

Form of delivery: Liquid

Stability: Stable at -20°C

Storage: – 20°C

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