

Fructosyl-amino acid oxidase from Microorganism

Cat. No. DIA-274

Lot. No. (See product label)

Introduction

Synonyms Fructosyl-amino acid oxidase From Microorganism

Product Information

Source	Microorganism
Appearance	Yellowish amorphous powder, lyophilized
Molecular Weight	approx. 48,000Da (by SDS-PAGE)
Activity	3.0U/mg-solid or more
Contaminants	Catalase <1.0%
Isoelectric point	6.6
pH Stability	pH 5.0-9.0
Optimum pH	pH 6.5
Thermal stability	below 55°C (pH 6.5, 10min)
Optimum temperature	40~45°C
Michaelis Constant	0.5mM(F-VH)
Unit Definition	One unit causes the formation of one micromole of hydrogen peroxide (half a micromole of quinoneimine dye) per minute under the conditions described below.