

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.