

Collagenase AF-1 GMP Grade

Cat. No. NATE-1919

Lot. No. (See product label)

Introduction

Description Collagenase AF-1 GMP Grade, often in combination with Neutral Protease AF GMP Grade, is suitable for the dissociation of sensitive cells from several tissues, such as pancreas, liver and dental pulp. It has been shown to be highly effective for the isolation of islets of Langerhans from human pancreas intended for transplantation.

Applications Collagenase AF-1 GMP Grade is suitable for cell isolation from several tissue types intended for clinical applications. It is often used in combination with Neutral Protease AF GMP Grade.

Synonyms Collagenase AF-1; Collagenase; Collagenase AF-1 GMP; Collagenase GMP

Product Information

Source Clostridium histolyticum

Form Lyophilized powder

EC Number EC 3.4.24.3

CAS No. 9001-12-1

Activity ≥ 3.00 U/mg

Endotoxin Level ≤ 10.0 EU/mg

Unit Definition 1 U according to Wunsch catalyzes the hydrolysis of 1 μ mol 4-phenylazobenzyloxycarbonyl-L-prolyl-L-leucylglycyl-L-prolyl-D-arginine per minute at 25 °C, pH 7.1.

Storage and Shipping Information

Storage 2 to 8 °C