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## Product Specification

Product Name:

Elastase from porcine pancreas – lyophilized powder, suitable for cell culture

Product Number:

**E7885**

CAS Number:

39445-21-1

MDL:

MFCD00130998

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

White to Yellow to Beige

Appearance (Form)

Powder

Cell Dissociation

Conforms

Specific cell count should not be less than a 2-fold increase when compared to the 24 hr count.

% Protein (Biuret)

55 - 85

units/mg protein

≥ 4

Enzymatic activity

Unit Definition: One unit will hydrolyze 1.0 μmole of N-succinyl-L-Ala-Ala-Ala-p-nitroanilide per min, pH 8.0 at 25 °C.

BAEE units/mg protein

≤ 50

Trypsin impurity

Specification: PRD.4.ZQ5.10000006572

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.