

## Product Specification

Product Name:

Endonuclease III from Escherichia coli -  $\geq 90\%$  (SDS-PAGE), recombinant, expressed in E. coli overproducing strain, buffered aqueous glycerol solution,  $\geq 10,000$  units/mg protein

Product Number:

E0526

Storage Temperature:

-20 °C

TEST	Specification
------	---------------

Appearance (Form)

Liquid

Appearance (Colour)

Colorless

Appearance (Turbidity)

Clear

Gel Electroph. (Gel)

SDS-Page

Gel Electroph. (Stain)

Coomassie

Gel Electroph. (Purity)

 $\geq 90.0\%$ 

Gel Electroph. (Description)

1 Major Band

Vial Content (Size)

10.00 - 10.00

Vial Content (Unit Of Measure)

 $\mu\text{g Protein}$ 

Vial Content (Actual Content)

10.00 - 15.00

Vial Content (Overpack)

 $\leq 50.00\%$ 

Vial Content (Testing Method)

Bradford

Vial Content (Conc. mgP/ml)

0.150 - 0.300

Vial Content (Volume  $\mu\text{l}$ )

Enzym. Assay (Spec. Activity)

 $\geq 10000 \text{ U/mgP}$ 

Unit Definition

-----

One unit will cleave 50% of 0.5 pmol double strand oligonucleotide substrate containing 5,6-dihydrothymine in 15 min. at 30 °C.

Recommended Retest Period

-----

2 Years

Specification: PRE.2.ZQ5.10000002136

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.

