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## Product Specification

Product Name:

Benzonase® Nuclease, ultrapure –  $\geq 250$  units/ $\mu$ L,  $\geq 99\%$  (SDS-PAGE), recombinant, expressed in E. coli, buffered aqueous glycerol solution, ultrapure grade

Product Number:

E8263

CAS Number:

9025-65-4

MDL:

MFCD00131010

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

Colorless

Appearance (Turbidity)

Clear

Appearance (Form)

Liquid

units/ $\mu$ L $\geq 250$ 

using sonicated salmon sperm DNA as substrate

One unit will produce acid-soluble oligonucleotides equivalent to an A260 nm of 1.0 in 30 minutes at pH 8.0, at 37 deg C. (Reaction volume = 2.625 mL)

Purity by SDS-Page

Pass

&gt; /= 99%

Recommended Retest Period

2 years

Specification: PRD.1.ZQ5.10000036923

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.