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Product Specification

Product Name:

Benzonase® Nuclease - ≥ 250 units/ μL , $\geq 90\%$ (SDS-PAGE), recombinant, expressed in *E. coli*, buffered aqueous glycerol solution

Product Number:

E1014

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

Purity by SDS Page

Pass

> or = 90%

units/ μL ≥ 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)

Protease Detection

None Detected

Note

Benzonase is a registered trademark of Merck KGaA

Specification: PRD.1.ZQ5.10000038737

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. 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.