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Certificate of Analysis

Product 79971 - NcoI (10U/mcl)
Batch No 1596171
Analysis Date 18-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2026

Test Parameters	Standards	Actual Results
Appearance (Form)	Liquid	Liquid
Appearance (Colour)	Colourless	Colourless
Appearance (Clarity)	Clear	Clear
Activity	One unit is defined as the amount of enzyme required to digest 1 µg of lambda DNA in 1 hour at 37 °C in 50 µL of assay buffer.	Conforms
DNA degradation	Incubation of single stranded and double stranded radiolabeled oligonucleotides with 10 units of the enzyme for 4 hours at 37 °C.	Conforms
Star Activity	After 160-fold overdigestion (10 U/µg Lambda DNA for 16 hours at 37 °C) with enzyme the fragmentation pattern is analysed. No detectable changes compared to the theoretical fragmentation pattern are considered as absence of star activity.	Conforms
Storage	-20°C	Maintained

FRM/82/11/5/79971 Rev No. 1 Date 18/08/2020

Prepared by KalaiSelvi

In compliance with the standard specifications of SRL

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