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Certificate of Analysis

Product 77976 - HindIII (10U/mcl)
Batch No 3555677
Analysis Date 07-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 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.	No DNA degradation
Star Acitivity	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/82/11/5/77976 Rev No. 1 Date 03/09/2020

Prepared by KalaiSelvi

In compliance with the standard specifications of SRL

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