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Certificate of Analysis

Product 32338 - BgII (10U/μl)
Batch No 4781091
Analysis Date 27-Aug-2020
Date of Manufacture August 2020
Expiry Date/Re-Test Date August 2021

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 degradation seen
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/82/11/5/32338 Rev No. 1 Date 09/10/2020

Prepared by Soumya

In compliance with the standard specifications of SRL

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