



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	51914 - BamHI (10U/mcl)
Batch No	3761074
Analysis Date	05-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2025

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 seen
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/82/11/5/51914 Rev No. 1 Date 15/05/2020

Prepared by KalaiSelvi

In compliance with the standard specifications of SRL

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