



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product	24848 - BgIII (10U/μl)
Batch No	7627393
Analysis Date	22-Aug-2022
Date of Manufacture	August 2022
Expiry Date/Re-Test Date	August 2024

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
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/82/11/5/24848 Rev No. 1 Date 04/03/2020

Prepared by KalaiSelvi

In compliance with the standard specifications of SRL

Plant Site 3 : No. 21, Thomas Nagar, Little Mount, Chennai - 600 015, India.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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