



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product 15231 - Smal (10U/μl)
Batch No 6628687
Analysis Date 03-Aug-2023
Date of Manufacture August 2023
Expiry Date/Re-Test Date August 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
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/82/11/5/15231 Rev No. 1 Date 26/07/2021

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.