Fermatix
360 Audubon Road
Wakefield MA 01880
www.fermatix.com

CERTIFICATE OF ANALYSIS

Product name:	Firefly Luciferase
Product number:	E0101
Lot Number:	E0101AA1
Expiration Date:	01-Nov-26
Storage:	-80°C
Specific activity:	Specific activity is determined by measuring the maximum relative light units (RLU) generated at 25 ºC using a spectrophotometer.
Nominal Concentration:	15 mg/mL

Quality Control Analysis

Parameter	Specification	Result
Specific Activity	≥ 7.0 X 10^{10} RLU/mg	Conforms
Protein Concentration	14.0 – 16.0 mg/mL	15.4 mg/mL
Purity	> 90%	Conforms
Molecular Weight	60.8 kDa	Conforms

Manufactured by Fermatix in compliance with ISO 9001:2015 and ISO 13485:2016 certified Quality Management Systems.

Authorized Quality Control Signature

Jessica R Kennedy /Senior Biochemist

Name / Title 15-Nov-24

Authorized Quality Assurance Signature

Judith Harrington /Quality Assurance Manager

Name / Title 15-Nov-24