

## 1. Inspiralis Limited

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## 2. Certificate of Analysis

<b>Product Name</b>	<i>Escherichia coli</i> DNA Gyrase Enzyme
<b>Product Numbers</b>	G1001, G5002, G1003, G2004, B0001 & B0002
<b>Batch Numbers</b>	201023
<b>CAS Number</b>	None (EC.5 99.1.3)
<b>Storage Temperature</b>	-80°C
<b>Release Date</b>	08 November 2023
<b>QC Date</b>	08 November 2023
<b>Recommended Retest Date</b>	01 February 2024

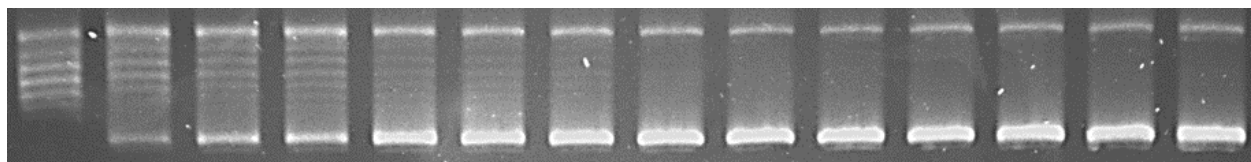
## 3. Specifications

Bradford concentration	0.02mg/ml
Supercoiling activity	20U/μL

## 4. Test results of Assay

μL of enzyme added

-	0.005	0.01	0.015	0.02	0.025	0.03	0.05	0.1	0.15	0.2	0.25	0.3	0.5
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Result: Full supercoiling achieved at 0.05 μL of *E. coli* gyrase added, therefore the supercoiling activity is 20 U/μL (using relaxed pBR322 lot#091023).

## 5. Kit Components

Component	Passed QC
<i>E. coli</i> gyrase lot#081123	<input checked="" type="checkbox"/>
<i>E. coli</i> gyrase 5X Assay Buffer lot#231023	<input checked="" type="checkbox"/>
<i>E. coli</i> gyrase Dilution Buffer lot#231023	<input checked="" type="checkbox"/>

## 6. Declaration

Inspiralis Limited warrants that at the time of the product release or retest date this product conformed to the information contained in this document and on the accompanying kit data sheet.

Please contact technical support for further information.

## 7. Signed

Inspiralis LTD  
E. coli DNA gyrase lot#081123

COA-68  
Version: 2.0



Amna Afzal

(Quality Control Services, Inspiralis Limited)