

## Identification Data



May 3, 2022

LAB GROWN DIAMOND  
Certificate No: 321160066



*The fingerprint system for diamonds®*



Gemprint is the unique optical identification fingerprint of your lab grown diamond. Register your lab grown diamond fingerprint at [www.Gemprint.com](http://www.Gemprint.com) and receive insurance discounts up to 10%.

## Laser Inscription



Girdle laser inscribed:  
GCAL LG321160066  
GROWN IN THE USA  
PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

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**SUSTAINABILITY RATED  
DIAMOND**  
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**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
ISO 17025 ACCREDITED FORENSIC LABORATORY

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New York, NY 10036  
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ISO/IEC 17025 2017  
ANAB L2177-1 Accredited Testing Lab

## The 4Cs Grading Analysis

GCAL 321160066

LAB GROWN DIAMOND\*

Carat Weight:

1.01

Cut:

Ideal

Shape:

Round Brilliant

Measurements:

6.43-6.46x4.02mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Excellent

External Symmetry:

Excellent

Girdle Thickness:

Medium

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Feather/Clouds/Crystal

Characteristic Location(s):

Upper Girdle-Lower Girdle/  
Bezel, Upper Girdle/Table

\*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a mined diamond. This diamond is Type IIa, which means it is devoid of nitrogen impurities. As Grown - No evidence of post-growth treatment was detected.

## Photomicrographs:

Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

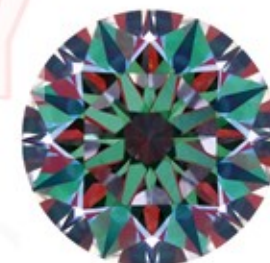
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Excellent

### Proportion Diagram:

The proportion diagram illustrates the actual dimensions as recorded by optical scanning technology.

