

## Identification Data



April 12, 2022

LAB GROWN DIAMOND  
Certificate No: 320910231

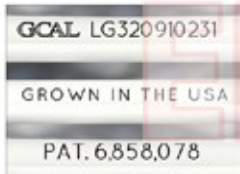


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Gemprint is the unique optical identification fingerprint of your lab grown diamond. Register your lab grown diamond fingerprint at [www.Gemprint.com](http://www.Gemprint.com) and receive insurance discounts up to 10%.

## Laser Inscription



Girdle laser inscribed:  
GCAL LG320910231  
GROWN IN THE USA  
PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

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

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ISO/IEC 17025:2017  
ANAB L2177-1 Accredited Testing Lab

## The 4Cs Grading Analysis

GCAL 320910231

LAB GROWN DIAMOND\*

Carat Weight:

1.55

Cut:

Excellent

Shape:

Radiant Brilliant

Measurements:

7.97x5.82x3.62mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Very Good

External Symmetry:

Excellent

Girdle Thickness:

Thick

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Crystal

Characteristic Location(s):

Crown Step

\*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  
Very Good

### Proportion Diagram:

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

