

## Identification Data



October 29, 2021

LAB GROWN DIAMOND  
Certificate No: 312870247

**Gemprint** 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 LG312870247  
LAB GROWN PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

*Certified*  
**SUSTAINABILITY RATED  
DIAMOND**  
SCS GLOBAL SERVICES

All certified diamonds come with an individual certificate, ONLY available at an accredited retailer



FOR THE SUSTAINABILITY RATED CERTIFICATE, SCAN HERE →

## The 4Cs Grading Analysis

GCAL 312870247

LAB GROWN DIAMOND\*

**Carat Weight:**

1.56

**Cut:**

Very Good

Shape:

Cushion Modified Brilliant

Measurements:

7.90x6.14x3.92mm

Optical Brilliance:

Excellent

Optical Symmetry:

Good

Polish:

Excellent

External Symmetry:

Very Good

Girdle Thickness:

SI.Thick-Very Thick

Culet Size:

None

**Color:**

G

Fluorescence:

None

**Clarity:**

SI1

Identifying Characteristic(s):

Feather/Clouds

Characteristic Location(s):

Upper Girdle-Pavilion/  
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:**

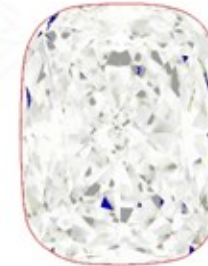
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## 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  
Good

**Proportion Diagram:**

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



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
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