

## Identification Data



February 18, 2022

LAB GROWN DIAMOND  
Certificate No: 320400552



*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 LG320400552  
GROWN IN THE USA BY WD  
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



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## The 4Cs Grading Analysis

GCAL 320400552

LAB GROWN DIAMOND\*

**Carat Weight:**

**1.04**

**Cut:**

**Excellent**

**Shape:**

**Princess**

**Measurements:**

**5.47x5.38x3.98mm**

**Optical Brilliance:**

**Excellent**

**Optical Symmetry:**

**Very Good**

**Polish:**

**Very Good**

**External Symmetry:**

**Very Good**

**Girdle Thickness:**

**SI.Thick-Thick**

**Culet Size:**

**None**

**Color:**

**H**

**Fluorescence:**

**None**

**Clarity:**

**VS1**

**Identifying Characteristic(s):**

**Clouds**

**Characteristic Location(s):**

**Table, 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:

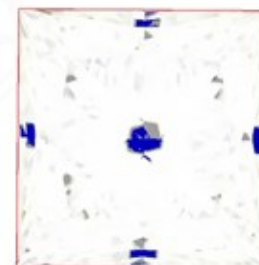
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

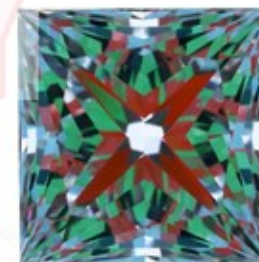
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

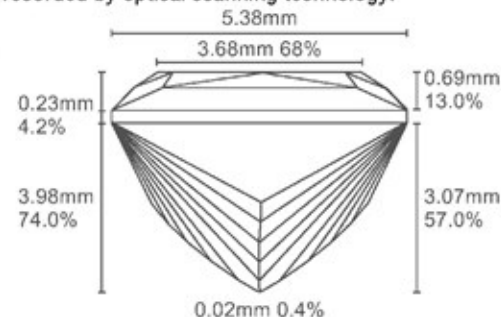
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Very Good

### Proportion Diagram:

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



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

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