

## Identification Data



April 18, 2022

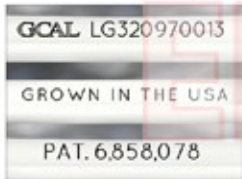
LAB GROWN DIAMOND  
Certificate No: 320970013

**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 LG320970013  
GROWN IN THE USA  
PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

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

## The 4Cs Grading Analysis

GCAL 320970013

LAB GROWN DIAMOND\*

Carat Weight: 1.01

Cut: Very Good  
Shape: Princess  
Measurements: 5.49x5.44x3.83mm  
Optical Brilliance: Excellent  
Optical Symmetry: Good  
Polish: Very Good  
External Symmetry: Very Good  
Girdle Thickness: Thick  
Culet Size: None

Color: F  
Fluorescence: None

Clarity: VS1  
Identifying Characteristic(s): Crystals/Clouds  
Characteristic Location(s): Table, Crown Step/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:

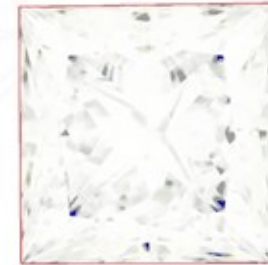
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

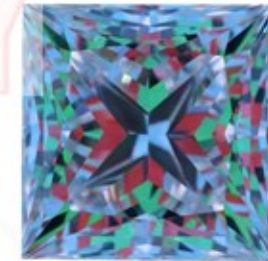
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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  
Good

### Proportion Diagram:

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

