

## Identification Data



March 02, 2022  
LAB GROWN DIAMOND  
Certificate No: 320490221

**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 LG320490221  
GROWN IN THE USA  
PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

*Certified*  
**SUSTAINABILITY RATED  
DIAMOND**  
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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 320490221

LAB GROWN DIAMOND\*

Carat Weight: 1.29

Cut: Very Good  
Shape: Princess  
Measurements: 5.97x5.86x4.08mm  
Optical Brilliance: Excellent  
Optical Symmetry: Good  
Polish: Very Good  
External Symmetry: Very Good  
Girdle Thickness: SI.Thick-Thick  
Culet Size: None

Color: G  
Fluorescence: None

Clarity: VS2  
Identifying Characteristic(s): Clouds/Feathers  
Characteristic Location(s): Table,Crown Step/Pavilion

\*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:

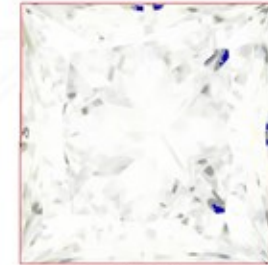
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

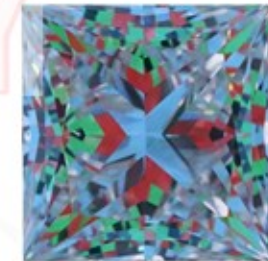
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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.

