

## Identification Data



January 14, 2021

LAB GROWN DIAMOND  
Certificate No: 310050105

### Gemprint®

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



### Laser Inscription:

The illustration depicts enlarged and approximate appearances of the inscriptions. Girdle laser inscribed "LAB GROWN PAT. 6,858,078", GCAL Logo and "LG310050105"



**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 310050105

LAB GROWN DIAMOND\*

**Carat Weight:** 1.59

**Cut:** Very Good  
**Shape:** Princess  
**Measurements:** 6.54x6.32x4.41mm  
**Optical Brilliance:** Excellent  
**Optical Symmetry:** Good  
**Polish:** Excellent  
**External Symmetry:** Very Good  
**Girdle Thickness:** SI.Thick-Thick  
**Culet Size:** None

**Color:** H  
**Fluorescence:** None

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

\*Comments: This man-made diamond was grown in a laboratory by the CVD method, and has the same chemical, physical, and optical properties as a natural earth mined diamond. This diamond is Type IIa, which means it is devoid of nitrogen impurities.

### Photomicrographs:

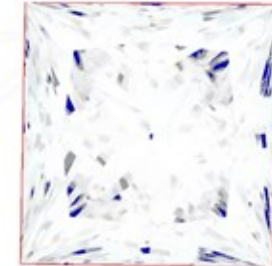
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

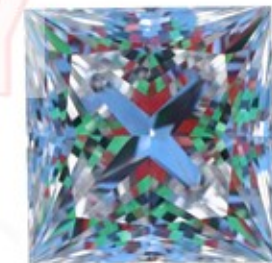
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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.

