

## Identification Data



April 20, 2021

LAB GROWN DIAMOND  
Certificate No: 310990121

**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 "GROWN IN THE USA BY WD", "PAT. 6,858,078", GCAL Logo and "LG310990121"



**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 310990121

LAB GROWN DIAMOND\*

**Carat Weight:**

1.52

**Cut:**

Excellent

**Shape:**

Pear Brilliant

**Measurements:**

9.91x6.72x3.91mm

**Optical Brilliance:**

Excellent

**Optical Symmetry:**

Good

**Polish:**

Excellent

**External Symmetry:**

Excellent

**Girdle Thickness:**

SI.Thick-Thick

**Culet Size:**

None

**Color:**

I

**Fluorescence:**

None

**Clarity:**

VS2

**Identifying Characteristic(s):**

Crystals

**Characteristic Location(s):**

Star, Table, Bezel

\*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.

