

## Identification Data



October 14, 2021

LAB GROWN DIAMOND

Certificate No: 312690097

**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 "LG312690097"



## The 4Cs Grading Analysis

GCAL 312690097

LAB GROWN DIAMOND\*

Carat Weight:

0.40

Cut:

Very Good

Shape:

Round Brilliant

Measurements:

4.72-4.74x2.94mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Good

External Symmetry:

Excellent

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

None

Color:

F

Fluorescence:

None

Clarity:

VVS2

Identifying Characteristic(s):

Feathers,Cavity/Pinpoint

Characteristic Location(s):

Girdle/Pavilion Main

\*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.

### 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:

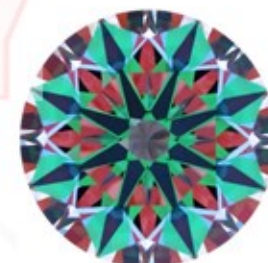
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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  
Excellent

### Proportion Diagram:

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



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