

## Identification Data



September 12, 2021

LAB GROWN DIAMOND

Certificate No: 312311677

**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" and "LG312311677"



## The 4Cs Grading Analysis

GCAL 312311677

LAB GROWN DIAMOND\*

Carat Weight:

1.74

Cut:

Excellent

Shape:

Cushion Brilliant

Measurements:

7.84x6.66x4.56mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Excellent

External Symmetry:

Excellent

Girdle Thickness:

Thin-SI.Thick

Culet Size:

None

Color:

E

Fluorescence:

None

Clarity:

S11

Identifying Characteristic(s):

Crystals

Characteristic Location(s):

Star, Bezel, Table

\*Comments: This laboratory grown diamond was created by the HPHT (High Pressure High Temperature) method, and has the same chemical, physical, and optical properties as a mined diamond.

### Photomicrographs:

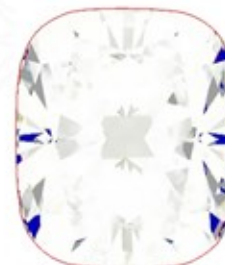
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## 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:

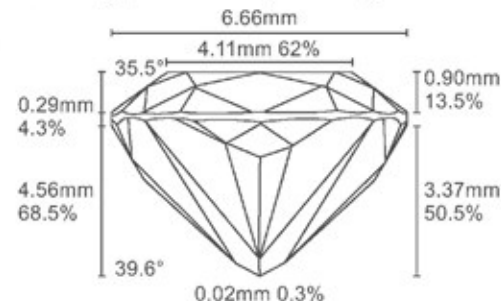
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Very Good

### Proportion Diagram:

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



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
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