

## Identification Data



October 11, 2021

LAB GROWN DIAMOND  
Certificate No: 312640022



*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 LG312640022  
GROWN IN THE USA BY WD  
PAT. 6,858,078  
This illustration depicts the approximate appearance of the inscriptions

*Certified*  
**SUSTAINABILITY RATED  
DIAMOND**  
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## The 4Cs Grading Analysis

GCAL 312640022

LAB GROWN DIAMOND\*

Carat Weight:

1.05

Cut:

Very Good

Shape:

Marquise Brilliant

Measurements:

10.22x5.53x3.31mm

Optical Brilliance:

Excellent

Optical Symmetry:

Good

Polish:

Very Good

External Symmetry:

Very Good

Girdle Thickness:

Very Thin-Sl.Thick

Culet Size:

None

Color:

F

Fluorescence:

None

Clarity:

VS1

Identifying Characteristic(s):

Clouds, Feather

Characteristic Location(s):

Table

\*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:

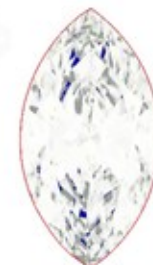
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

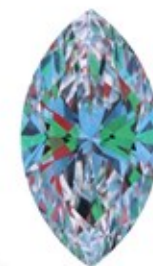
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

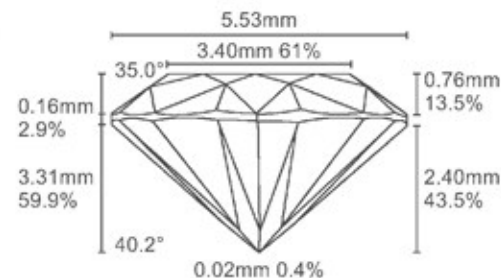
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Good

### Proportion Diagram:

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



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
ISO 17025 ACCREDITED FORENSIC LABORATORY

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