

## Identification Data



July 21, 2021

LAB GROWN DIAMOND  
Certificate No: 311830037

### 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 "LG311830037"



## The 4Cs Grading Analysis

GCAL 311830037

LAB GROWN DIAMOND\*

Carat Weight:

0.42

Cut:

Excellent

Shape:

Marquise Brilliant  
7.61x4.01x2.39mm

Measurements:

Excellent

Optical Brilliance:

Very Good

Optical Symmetry:

Excellent

Polish:

Very Good

External Symmetry:

Medium-Thick

Girdle Thickness:

None

Culet Size:

Color:

E

Fluorescence:

None

Clarity:

VVS1

Identifying Characteristic(s):

Pinpoints

Characteristic Location(s):

Lower Girdle

\*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:

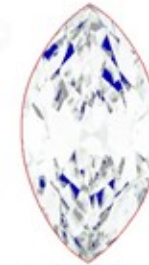
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

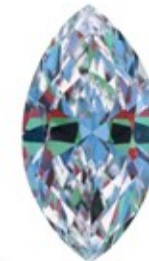
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

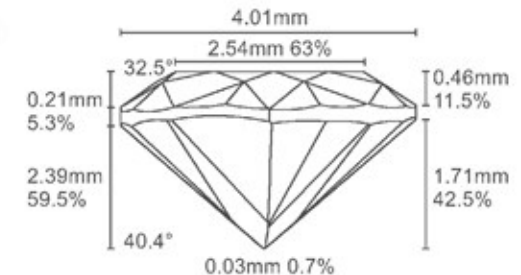
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



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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