

## Identification Data



May 3, 2022

LAB GROWN DIAMOND  
Certificate No: 321180046

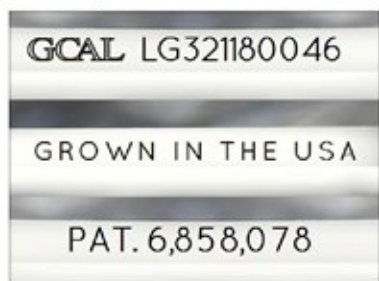


Gemprint is the unique optical fingerprint for positive identification of your lab grown diamond. Register your lab grown diamond at [www.Gemprint.com](http://www.Gemprint.com) and receive insurance discounts up to 10%.



### Laser Inscription:

The illustration depicts enlarged and approximate appearances of the inscriptions. Girdle laser inscribed "GROWN IN THE USA", "PAT. 6,858,078", GCAL Logo and "LG321180046"



## The 4Cs Grading Analysis

GCAL 321180046

LAB GROWN DIAMOND\*

Carat Weight:

1.54

Cut:

Very Good

Shape:

Emerald Step

Measurements:

7.74x5.59x3.73mm

Optical Brilliance:

Excellent

Optical Symmetry:

Good

Polish:

Excellent

External Symmetry:

Very Good

Girdle Thickness:

Thick

Culet Size:

None

Color:

F

Fluorescence:

None

Clarity:

VS1

Identifying Characteristic(s):

Feather/Pinpoints

Characteristic Location(s):

Crown Step-Table/Pavilion Step

\*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:

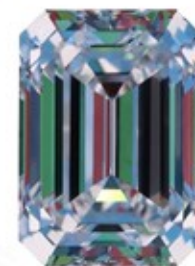
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

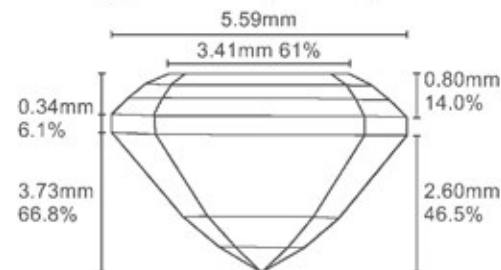
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Good

### Proportion Diagram:

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



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
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