

## Identification Data



December 24, 2019

LAB GROWN DIAMOND

Certificate No: 293570073

### 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 "LG293570073"



## The 4Cs Grading Analysis

GCAL 293570073

LAB GROWN DIAMOND\*

Carat Weight:

0.60

Cut:

Very Good

Shape:

Pear Brilliant

Measurements:

7.23x4.71x3.02mm

Optical Brilliance:

Excellent

Optical Symmetry:

Good

Polish:

Very Good

External Symmetry:

Good

Girdle Thickness:

Medium-Thick

Culet Size:

None

Color:

F

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Crystals/Pinpoints

Characteristic Location(s):

Table/Throughout Crown

\*Comments: This man-made diamond was grown in a laboratory by the CVD method, and has the same chemical, physical, and optical properties as an earth 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  
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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