

## Identification Data

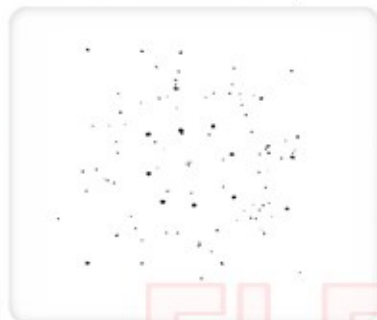


November 27, 2017

LAB GROWN DIAMOND  
Certificate No: 273240045



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:

Actual image of the inscription photographed at magnification greater than 10x. Girdle laser inscribed "LAB GROWN" and "LG273240045"



## The 4Cs Grading Analysis

GCAL 273240045

LAB GROWN DIAMOND\*

Carat Weight:

2.00

Cut:

Very Good

Shape:

Round Brilliant

Measurements:

7.92-7.95x5.04mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Very Good

External Symmetry:

Excellent

Girdle Thickness:

Thick

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

S11

Identifying Characteristic(s):

Clouds/Feathers

Characteristic Location(s):

Table, Crown Girdle/Table

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

### Photomicrographs:

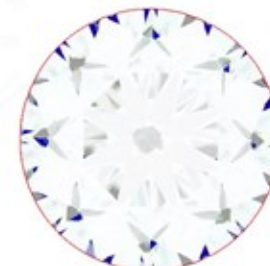
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

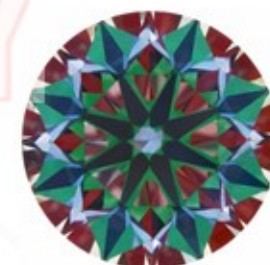
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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  
Excellent

### Proportion Diagram:

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



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TOP: 4.03mm 50.5% HEIGHT: 1.29mm 16.5% WIDTH: 3.37mm 42.5% DEPTH: 5.04mm 63.5% TABLE: 7.94mm CROWN WIDTH: 4.43mm 56% CROWN DEPTH: 3.65mm 45.5% PAVILION DEPTH: 4.03mm 50.5% ANGLE: 36.5° ANGLE: 40.4° ANGLE: 0.03mm 0.4%