

## Identification Data



May 15, 2018

LAB GROWN DIAMOND  
Certificate No: 281000029



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 "LG281000029"



## The 4Cs Grading Analysis

GCAL 281000029

LAB GROWN DIAMOND\*

Carat Weight:

0.51

Cut:

Very Good

Shape:

Round Brilliant

Measurements:

5.13-5.16x3.16mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Good

External Symmetry:

Very Good

Girdle Thickness:

Thin-Medium

Culet Size:

None

Color:

K

Fluorescence:

None

Clarity:

S11

Identifying Characteristic(s):

Feathers/Cloud

Characteristic Location(s):

Bezel, Upper Girdle-Lower Girdle/  
Upper Girdle

\*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:

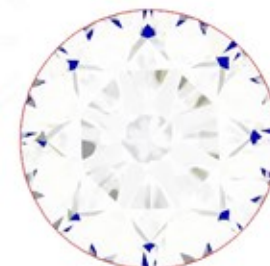
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

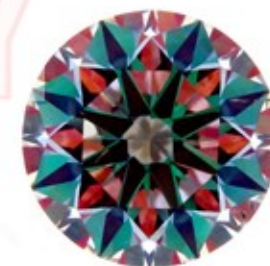
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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: 5.15mm, 2.94mm, 0.16mm, 0.77mm, 3.16mm, 2.22mm, 0.02mm, 35.0°, 41.0°, 57%, 61.4%, 43.0%, 0.5%