

## Identification Data



February 16, 2018

LAB GROWN DIAMOND  
Certificate No: 273260036

### 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:

Actual image of the inscription photographed at magnification greater than 10x. Girdle laser inscribed "LAB GROWN" and "LG273260036"



## The 4Cs Grading Analysis

GCAL 273260036

LAB GROWN DIAMOND\*

Carat Weight:

0.60

Cut:

Excellent

Shape:

Round Brilliant

Measurements:

5.49-5.51x3.29mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Very Good

External Symmetry:

Excellent

Girdle Thickness:

Medium

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s): Feathers/Crystal, Needle, Pinpoints

Characteristic Location(s): Upper Girdle-Pavilion 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. This diamond is Type IIa, which means it is devoid of nitrogen impurities.

### 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:

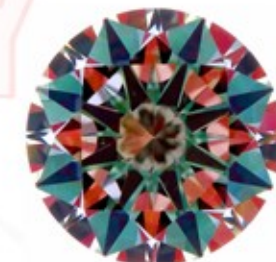
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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.



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
ISO 17025 ACCREDITED FORENSIC LABORATORY

580 Fifth Avenue LL-05, NY, NY 10036 USA • T 212.869.8985 • GCALUSA.com

ISO/IEC 17025 2017  
ANAB L2177-1  
Accredited Testing Lab



Guaranteed Lab Grown Diamond Grading Certificate