

## Identification Data



September 11, 2019

LAB GROWN DIAMOND  
Certificate No: 292340053

### 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 "LG292340053"



## The 4Cs Grading Analysis

GCAL 292340053

LAB GROWN DIAMOND\*

**Carat Weight:**

0.32

**Cut:**

Shape:  
Measurements:  
Hearts:  
Arrows:  
Optical Brilliance:  
Optical Symmetry:  
Polish:  
External Symmetry:  
Girdle Thickness:  
Culet Size:

**Ideal**  
Round Brilliant  
4.46-4.48x2.65mm  
Excellent  
Excellent  
Excellent  
Excellent  
Excellent  
Medium-SI.Thick  
None

**Color:**

Fluorescence:

**F**  
None

**Clarity:**

Identifying Characteristic(s):  
Characteristic Location(s):

**S11**  
Crystal  
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 lab grown diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:



Excellent

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 Symmetry Analysis:



Excellent

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



### Hearts and Arrows:

Precision faceting is visualized as Hearts and Arrows when brilliant cut stones are viewed in specific lighting conditions. Each pattern is the result of facet placement and alignment.



Excellent



Excellent

### Proportion Diagram:

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



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580 Fifth Avenue, New York, NY 10036, T 212.869.8985 F 212.869.2315  
[www.DiamondID.com](http://www.DiamondID.com), [www.GemFacts.com](http://www.GemFacts.com), [www.Gemprint.com](http://www.Gemprint.com)

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