

## Identification Data



April 08, 2019

LAB GROWN DIAMOND  
Certificate No: 290920049

### 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 "LG290920049"



## The 4Cs Grading Analysis

GCAL 290920049

LAB GROWN DIAMOND\*

Carat Weight: 1.00

Cut: Excellent  
Shape: Pear Brilliant  
Measurements: 8.90x5.60x3.31mm  
Optical Brilliance: Excellent  
Optical Symmetry: Very Good  
Polish: Very Good  
External Symmetry: Very Good  
Girdle Thickness: Thick-Very Thick  
Culet Size: None

Color: G  
Fluorescence: None

Clarity: VS1  
Identifying Characteristic(s): Cloud  
Characteristic Location(s): 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 an earth mined diamond.

### Photomicrographs:

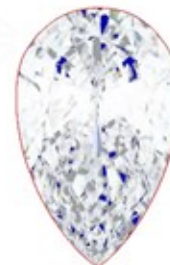
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## 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  
Very Good

### 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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