

## Identification Data



September 10, 2020  
 LAB GROWN DIAMOND  
 Certificate No: 302410292

### 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 "GROWN IN THE USA BY WD", GCAL Logo and "LG302410292"



## The 4Cs Grading Analysis

GCAL 302410292

LAB GROWN DIAMOND\*

**Carat Weight:** 1.59

**Cut:** Very Good  
**Shape:** Emerald Step  
**Measurements:** 8.02x5.73x3.77mm  
**Optical Brilliance:** Excellent  
**Optical Symmetry:** Good  
**Polish:** Very Good  
**External Symmetry:** Very Good  
**Girdle Thickness:** Medium-SI.Thick  
**Culet Size:** None

**Color:** H  
**Fluorescence:** None

**Clarity:** VS2  
**Identifying Characteristic(s):** Clouds  
**Characteristic Location(s):** Table, Crown Step

\*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:

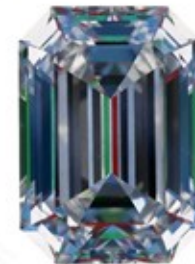
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance  
Excellent

### Optical Symmetry Analysis:

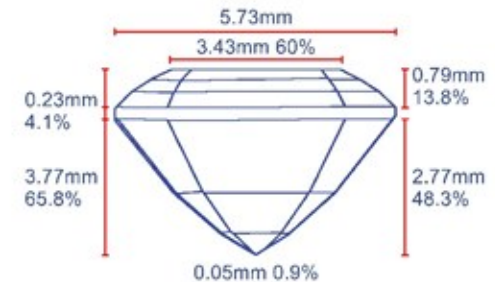
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry  
Good

### Proportion Diagram:

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



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

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