

## Identification Data



September 2, 2020

LAB GROWN DIAMOND  
Certificate No: 302340008

### 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 "LG302340008"



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

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



## The 4Cs Grading Analysis

GCAL 302340008

LAB GROWN DIAMOND\*

**Carat Weight:** 1.59

**Cut:** Very Good  
**Shape:** Emerald Step  
**Measurements:** 8.22x5.89x3.68mm  
**Optical Brilliance:** Excellent  
**Optical Symmetry:** Good  
**Polish:** Very Good  
**External Symmetry:** Very Good  
**Girdle Thickness:** Thin  
**Culet Size:** None

**Color:** J  
**Fluorescence:** None

**Clarity:** S11  
**Identifying Characteristic(s):** Clouds  
**Characteristic Location(s):** Crown Step, 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:

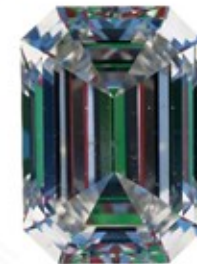
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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  
Good

### Proportion Diagram:

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

