

## Identification Data



April 15, 2022

LAB GROWN DIAMOND  
Certificate No: 320962505

### Gemprint<sup>®</sup>

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 "LG320962505"



## The 4Cs Grading Analysis

GCAL 320962505

LAB GROWN DIAMOND\*

**Carat Weight:** 1.63

**Cut:** Ideal  
**Shape:** Oval Brilliant  
**Measurements:** 9.52x6.59x4.15mm  
**Optical Brilliance:** Excellent  
**Optical Symmetry:** Excellent  
**Polish:** Excellent  
**External Symmetry:** Excellent  
**Girdle Thickness:** SI.Thick-Thick  
**Culet Size:** None

**Color:** F  
**Fluorescence:** None

**Clarity:** VS2  
**Identifying Characteristic(s):** Crystals/Pinpoints  
**Characteristic Location(s):** Table, Bezel/Throughout Crown

\*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a mined diamond. This diamond is Type IIa, which means it is devoid of nitrogen impurities.

### Photomicrographs:

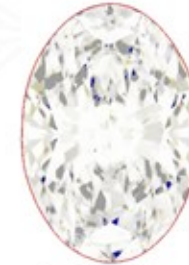
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



## Light Performance Profile

### Optical Brilliance Analysis:

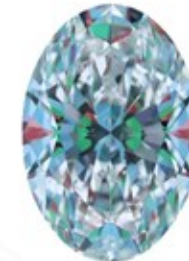
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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  
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