Guaranteed Lab Grown Diamond Grading Certificate

## Identification Data

September 8, 2021

LAB GROWN DIAMOND
Certificate No: 312390076

**Gemprint**

Gemprint is the unique optical fingerprint for positive identification of your lab grown diamond. Register your lab grown diamond at 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 PAT. 6,858,078", GCAL Logo and "LG312390076"

GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

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## The 4Cs Grading Analysis

GCAL 312390076 — LAB GROWN DIAMOND*

| | |
|---|---|
| **Carat Weight:** | 1.02 |
| **Cut:** | Very Good |
| Shape: | Round Brilliant |
| Measurements: | 6.43-6.47x4.00mm |
| Optical Brilliance: | Excellent |
| Optical Symmetry: | Very Good |
| Polish: | Excellent |
| External Symmetry: | Very Good |
| Girdle Thickness: | Medium-Sl.Thick |
| Culet Size: | None |
| **Color:** | F |
| Fluorescence: | None |
| **Clarity:** | VS1 |
| Identifying Characteristic(s): | Clouds/Feathers |
| Characteristic Location(s): | Upper Girdle,Table/ Upper Girdle-Pavilion |

*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

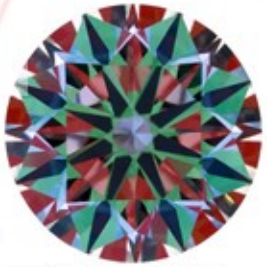
### Optical Brilliance Analysis:

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:

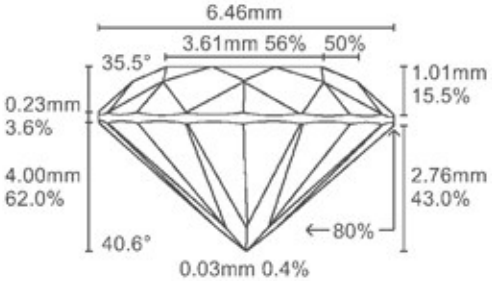
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Very Good

### Proportion Diagram:

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

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