## Identification Data



May 06, 2022

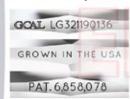
LAB GROWN DIAMOND Certificate No: 321190136





Gemprint is the unique optical identification fingerprint of your lab grown diamond. Register your lab grown diamond fingerprint at www.Gemprint.com and receive insurance discounts up to 10%.

## Laser Inscription



Girdle laser inscribed: GCAL LG321190136 **GROWN IN THE USA** PAT. 6,858,078 This illustration depicts the approximate appearance of the inscriptions



certificate, ONLY available at an



All certified





ANAB L2177-1 Accredited Testing Lab



## The 4Cs Grading Analysis

GCAL 321190136 LAB GROWN DIAMOND\*

Carat Weight: 1.29

Cut: Very Good Pear Brilliant Shape: Measurements: 9.40x6.14x3.82mm Optical Brilliance: Optical Symmetry: Polish: External Symmetry: Girdle Thickness: Medium-Thick Culet Size:

Excellent

Very Good

Very Good

Good

None

G

None

VS1

Clouds

Upper Girdle

Color: Fluorescence:

Clarity: Identifying Characteristic(s) Characteristic Location(s):

\*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. As Grown - No evidence of post-growth treatment was detected.

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

Optical Symmetry Analysis:

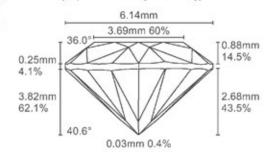
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry

Proportion Diagram:

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



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