## Identification Data



February 09, 2022

LAB GROWN DIAMOND Certificate No: 320280106





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 LG320280106 GROWN IN THE USA BY WD PAT. 6,858,078 This illustration depicts the approximate appearance of the inscriptions



All certified available at an









580 Fifth Ave LL-05 New York, NY 10036 T 212-869-8985 GCALUSA.com



ANAB L2177-1 Accredited Testing Lab

## The 4Cs Grading Analysis

GCAL 320280106 LAB GROWN DIAMOND\*

Carat Weight: 1.59

Cut: Excellent Shape: Radiant Brilliant Measurements: 7.32x6.14x3.87mm Optical Brilliance: Excellent Optical Symmetry: Good Polish: Excellent External Symmetry: Excellent Girdle Thickness: Thick Culet Size: None

G Color: Fluorescence: None

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

VS1 Crystals Table, Crown Step

\*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:

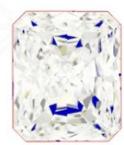
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.





## 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 Good

Proportion Diagram:

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

