## Identification Data



February 01, 2022

LAB GROWN DIAMOND Certificate No: 320190103





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

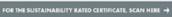


Girdle laser inscribed: GCAL LG320190103 GROWN IN THE USA BY WD PAT. 6,858,078 This illustration depicts the approximate appearance of the inscriptions



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All certified







## The 4Cs Grading Analysis

GCAL 320190103 LAB GROWN DIAMOND\*

Carat Weight: 0.71

Cut: Excellent Shape: Princess Measurements: 5.10x4.91x3.49mm Optical Brilliance: Excellent Optical Symmetry: Very Good Polish: Excellent External Symmetry: Very Good Girdle Thickness: Medium-SI.Thick Culet Size: None

F Color: Fluorescence: None

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

VS1 Clouds, Crystal/Feathers 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 Very Good

Proportion Diagram:

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

