## Identification Data



November 24, 2021

LAB GROWN DIAMOND Certificate No: 313081044





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 LG313081044 GROWN IN THE USA BY WD PAT. 6,858,078 This illustration depicts the approximate appearance of the inscriptions



certificate, ONLY

All certified







## The 4Cs Grading Analysis

GCAL 313081044 LAB GROWN DIAMOND\*

Carat Weight: 1.54

Cut: Shape: Measurements: Optical Brilliance: Optical Symmetry: Polish: External Symmetry: Girdle Thickness: Culet Size:

Very Good Round Brilliant 7.35-7.37x4.58mm Excellent Very Good Very Good Very Good Medium-SI.Thick None

Color: Fluorescence:

H None

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

VS1 Clouds Table.Upper Girdle

\*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:

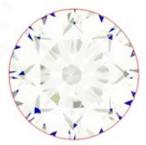
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.





## 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.



Proportion Diagram:

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

