## Identification Data



August 27, 2021

LAB GROWN DIAMOND Certificate No: 312170024

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" and "LG312170024"





# The 4Cs Grading Analysis

GCAL 312170024 LAB GROWN DIAMOND\*

Carat Weight: 1.85

Cut: Ideal Shape: Round Brilliant Measurements: 7.96-7.98x4.80mm Excellent Hearts: Excellent Arrows: Optical Brilliance: Excellent Optical Symmetry: Excellent Polish: Excellent External Symmetry: Excellent Girdle Thickness: Medium Culet Size: None

Color: E Fluorescence: None

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

VVS1 Pinpoints Lower Girdle

\*Comments: This laboratory grown diamond was created by the HPHT (High Pressure High Temperature) method, and has the same chemical, physical, and optical properties as a mined diamond.

Photomicrographs:

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





## Light Performance Profile

### Optical Brilliance Analysis:



Excellent

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 Symmetry Analysis:



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









Hearts and Arrows:

Precision faceting is visualized as Hearts and Arrows when brilliant cut stones are viewed in specific lighting conditions. Each pattern is the result of facet placement and alignment.



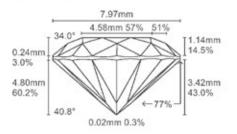


Excellent

Excellent

### Proportion Diagram:

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



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