## Identification Data



May 11, 2021

LAB GROWN DIAMOND Certificate No: 311170040

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%.



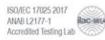
Laser Inscription:

The illustration depicts enlarged and approximate appearances of the inscriptions. Girdle laser inscribed "LAB GROWN" and "LG311170040"





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## The 4Cs Grading Analysis

GCAL 311170040 LAB GROWN DIAMOND\*

Carat Weight: 0.71

Cut: Excellent Pear Brilliant Shape: Measurements: 7.74x5.02x3.01mm Optical Brilliance: Excellent Optical Symmetry: Very Good Polish: Excellent External Symmetry: Very Good Girdle Thickness: Thin-SI.Thick Culet Size: None

G Color: Fluorescence: None

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

Crystals/Cloud Bezel, Table, Upper Girdle, Star/ Throughout Crown

\*Comments: This man-made diamond was grown in a laboratory by the HPHT method, and has the same chemical, physical, and optical properties as an earth mined diamond.

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.

