

Identification Data



June 23, 2021

LAB GROWN DIAMOND
Certificate No: 311600010

Gemprint

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 "LG311600010"



The 4Cs Grading Analysis

GCAL 311600010

LAB GROWN DIAMOND*

Carat Weight:

4.24

Cut:

Ideal

Shape:

Round Brilliant

Measurements:

10.36-10.39x6.44mm

Hearts:

Excellent

Arrows:

Excellent

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Excellent

External Symmetry:

Excellent

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

None

Color:

G

Fluorescence:

None

Clarity:

VVS2

Identifying Characteristic(s):

Pinpoint/Clouds

Characteristic Location(s):

Star/Throughout Pavilion

*Comments: This man-made diamond was grown in a laboratory by the HPHT method, and has the same chemical, physical, and optical properties as a natural earth mined diamond. This diamond is Type II, which means it is devoid of nitrogen impurities.

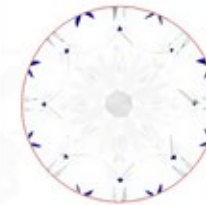
Photomicrographs:

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.



100%-93%
Excellent



92.9%-86%
Very Good



87.9%-80%
Good



79.9%-75%
Fair

Optical Symmetry Analysis:



Excellent

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



Excellent



Very Good



Good



Fair

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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