

Identification Data



October 21, 2019

LAB GROWN DIAMOND

Certificate No: 292730007



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 "LG292730007"



The 4Cs Grading Analysis

GCAL 292730007

LAB GROWN DIAMOND*

Carat Weight:

1.58

Cut:

Shape:

Measurements:

Hearts:

Arrows:

Optical Brilliance:

Optical Symmetry:

Polish:

External Symmetry:

Girdle Thickness:

Culet Size:

Ideal
Round Brilliant
7.51-7.53x4.57mm

Excellent

Excellent

Excellent

Excellent

Excellent

Excellent

Medium

None

Color:

Fluorescence:

G

None

Clarity:

Identifying Characteristic(s):

Characteristic Location(s):

VS2

Crystal/Pinpoints

Upper Girdle, Table/
Throughout Crown

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

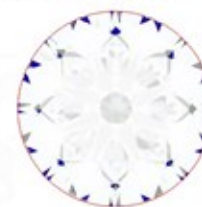
Photomicrographs:

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

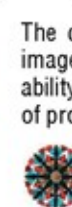


79.9%-75%
Fair

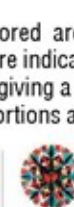
Optical Symmetry Analysis:



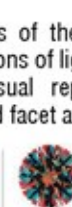
Excellent



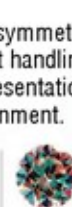
Excellent



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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