

Identification Data



September 03, 2019

LAB GROWN DIAMOND

Certificate No: 292280291

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 "LG292280291"



The 4Cs Grading Analysis

GCAL 292280291

LAB GROWN DIAMOND*

Carat Weight:

0.32

Cut:

Shape:

Measurements:

Hearts:

Arrows:

Optical Brilliance:

Optical Symmetry:

Polish:

External Symmetry:

Girdle Thickness:

Culet Size:

Ideal

Round Brilliant

4.45-4.47x2.69mm

Excellent

Excellent

Excellent

Excellent

Excellent

Excellent

Medium-SI.Thick

None

Color:

Fluorescence:

F

None

Clarity:

Identifying Characteristic(s):

Characteristic Location(s):

S11

Feathers/Crystal

Table,Pavilion/Table

*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

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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580 Fifth Avenue, New York, NY 10036, T 212.869.8985 F 212.869.2315
www.DiamondID.com, www.GemFacts.com, www.Gemprint.com

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Guaranteed Lab Grown Diamond Grading Certificate