

Identification Data



April 09, 2018

LAB GROWN DIAMOND

Certificate No: 280640453

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 "LG280640453"



The 4Cs Grading Analysis

GCAL 280640453

LAB GROWN DIAMOND*

Carat Weight:

0.53

Cut:

Shape:

Measurements:

Hearts:

Arrows:

Optical Brilliance:

Optical Symmetry:

Polish:

External Symmetry:

Girdle Thickness:

Culet Size:

Ideal

Round Brilliant

5.25-5.27x3.14mm

Excellent

Excellent

Excellent

Excellent

Excellent

Excellent

Medium

None

Color:

Fluorescence:

J

None

Clarity:

Identifying Characteristic(s):

Characteristic Location(s):

Star, Upper Girdle, Lower Girdle/Star-Upper Girdle

S12

Feathers/Cloud

Table-

Star-Upper Girdle

*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.

Photomicrographs:

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



Light Performance Profile

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.



Hearts
Excellent



Arrows
Excellent

Optical Light Performance:

A direct assessment of a diamond's light handling ability via actual photographs. Brilliance is the overall return of light to the viewer. The brilliance image shows the light return (white areas) and light loss (dark blue areas). The colored pattern of the symmetry image is a visual representation of the facet alignment.



Optical Brilliance
Excellent



Optical Symmetry
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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