

Identification Data



December 12, 2017

LAB GROWN DIAMOND

Certificate No: 273340405

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:

Actual image of the inscription photographed at magnification greater than 10x. Girdle laser inscribed "LAB GROWN" and "LG273340405"



The 4Cs Grading Analysis

GCAL 273340405

LAB GROWN DIAMOND*

Carat Weight:

1.02

Cut:

Excellent

Shape:

Round Brilliant

Measurements:

6.56-6.59x3.87mm

Hearts:

Excellent

Arrows:

Excellent

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Very Good

External Symmetry:

Excellent

Girdle Thickness:

Medium

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

S12

Identifying Characteristic(s):

Feathers/Cloud

Characteristic Location(s):

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.

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



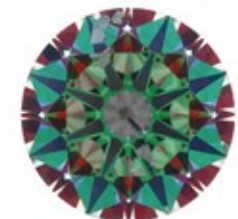
Arrows
Excellent

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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