

Identification Data



September 15, 2020

LAB GROWN DIAMOND
Certificate No: 302470007

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 "LG302470007"



The 4Cs Grading Analysis

GCAL 302470007

LAB GROWN DIAMOND*

Carat Weight:

1.62

Cut:

Shape:
Measurements:
Hearts:
Arrows:
Optical Brilliance:
Optical Symmetry:
Polish:
External Symmetry:
Girdle Thickness:
Culet Size:

Ideal
Round Brilliant
7.56-7.57x4.61mm
Excellent
Excellent
Excellent
Excellent
Excellent
Medium-SI.Thick
None

Color:

Fluorescence:

D
None

Clarity:

Identifying Characteristic(s):
Characteristic Location(s):

VVS1
Cloud
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.



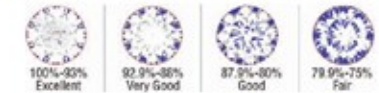
Light Performance Profile

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.

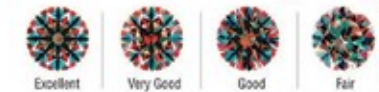


Optical Symmetry Analysis:



Excellent

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



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.



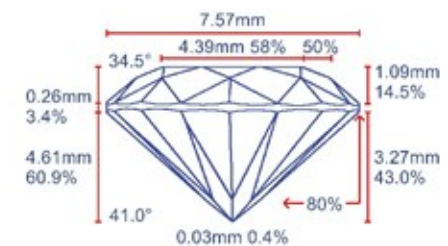
Excellent



Excellent

Proportion Diagram:

The proportion diagram illustrates the actual dimensions as recorded by optical scanning technology.



GCAL GEM CERTIFICATION & ASSURANCE LAB
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