

Identification Data



October 11, 2021
 LAB GROWN DIAMOND
 Certificate No: 312650034

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 "LG312650034"



The 4Cs Grading Analysis

GCAL 312650034

LAB GROWN DIAMOND*

Carat Weight:

1.52

Cut:
 Shape: Round Brilliant
 Measurements: 7.37-7.44x4.52mm
 Hearts: Excellent
 Arrows: Excellent
 Optical Brilliance: Excellent
 Optical Symmetry: Excellent
 Polish: Very Good
 External Symmetry: Very Good
 Girdle Thickness: Medium-SI.Thick
 Culet Size: None

Excellent
 Round Brilliant
 7.37-7.44x4.52mm
 Excellent
 Excellent
 Excellent
 Excellent
 Very Good
 Very Good
 Medium-SI.Thick
 None

Color:
 Fluorescence:

F
 None

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

VS2
 Cloud
 Table, Bezel, Table

*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a 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.



GCAL GEM CERTIFICATION & ASSURANCE LAB
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