

Identification Data



December 17, 2020

LAB GROWN DIAMOND

Certificate No: 303450033

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 PAT. 6,858,078", GCAL Logo and "LG303450033"



The 4Cs Grading Analysis

GCAL 303450033

LAB GROWN DIAMOND*

Carat Weight:

2.10

Cut:

Excellent

Shape:

Round Brilliant

Measurements:

8.15-8.20x5.07mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Very Good

External Symmetry:

Very Good

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

None

Color:

I

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Crystals/Clouds

Characteristic Location(s):

Table/Throughout Crown

*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 diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

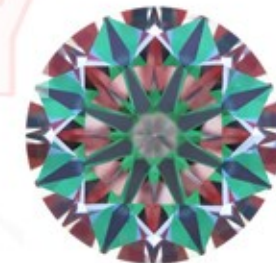
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

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



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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