

Identification Data



October 14, 2021

LAB GROWN DIAMOND

Certificate No: 312690098



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 "GROWN IN THE USA BY WD", "PAT. 6,858,078", GCAL Logo and "LG312690098"



The 4Cs Grading Analysis

GCAL 312690098

LAB GROWN DIAMOND*

Carat Weight:

0.47

Cut:

Very Good

Shape:

Round Brilliant

Measurements:

5.01-5.03x3.05mm

Optical Brilliance:

Excellent

Optical Symmetry:

Excellent

Polish:

Good

External Symmetry:

Very Good

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

Small

Color:

J

Fluorescence:

None

Clarity:

VVS2

Identifying Characteristic(s):

Feathers

Characteristic Location(s):

Table, Lower Girdle

*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. This diamond is Type IIa, which means it is devoid of nitrogen impurities.

Photomicrographs:

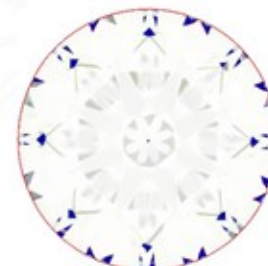
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

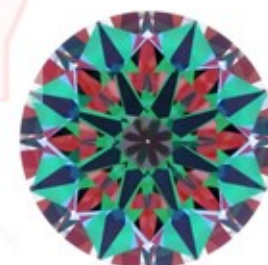
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

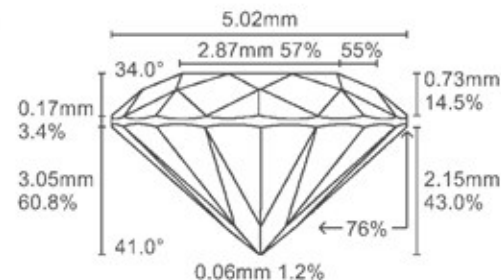
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Excellent

Proportion Diagram:

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



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