

Identification Data



August 17, 2020

LAB GROWN DIAMOND
Certificate No: 302200160

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", GCAL Logo and "LG302200160"



GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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ISO/IEC 17025 2017
ANAB L2177-1
Accredited Testing Lab



The 4Cs Grading Analysis

GCAL 302200160

LAB GROWN DIAMOND*

Carat Weight:

1.09

Cut:

Excellent

Shape:

Marquise Brilliant

Measurements:

10.01x5.42x3.52mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Very Good

External Symmetry:

Very Good

Girdle Thickness:

Medium-Thick

Culet Size:

None

Color:

K

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Clouds/Crystals/Feather

Characteristic Location(s): Table, Bezel, Upper Girdle/Table, Bezel/
Lower Girdle

*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
Very Good

Proportion Diagram:

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

