Identification Data

October 19, 2021

LAB GROWN DIAMOND
Certificate No: 312791007

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 "LG312791007"
Previous inscription is present on the girdle

LAB GROWN

LG312791007

GCAL® GEM CERTIFICATION & ASSURANCE LAB
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ISO/IEC 17025 2017
ANAB L2177-1 Accredited Testing Lab

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The 4Cs Grading Analysis

GCAL 312791007   LAB GROWN DIAMOND*

Carat Weight: 0.83

Cut: Excellent
Shape: Marquise Brilliant
Measurements: 9.65x4.91x3.09mm
Optical Brilliance: Excellent
Optical Symmetry: Very Good
Polish: Very Good
External Symmetry: Excellent
Girdle Thickness: Medium-Thick
Culet Size: None

Color: G
Fluorescence: None

Clarity: VS1
Identifying Characteristic(s):   Clouds
Characteristic Location(s):   Table,Throughout Crown

*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

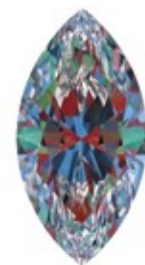### Optical Brilliance Analysis:

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
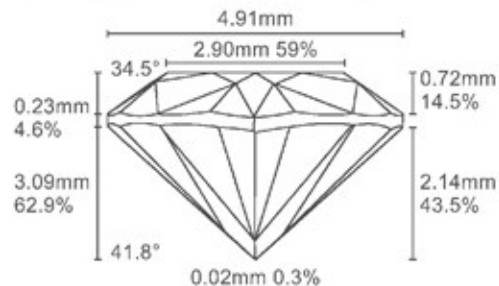Excellent

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
Very Good

Proportion Diagram:

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

4.91mm
2.90mm 59%
34.5°
0.72mm 14.5%
0.23mm 4.6%
3.09mm 62.9%
2.14mm 43.5%
41.8°
0.02mm 0.3%

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