

Identification Data



May 24, 2021

LAB GROWN DIAMOND
Certificate No: 311270103

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 "LG311270103"



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 311270103

LAB GROWN DIAMOND*

Carat Weight:

0.51

Cut:

Excellent

Shape:

Pear Brilliant

Measurements:

6.99x4.39x2.72mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Excellent

External Symmetry:

Very Good

Girdle Thickness:

Thin-Very Thick

Culet Size:

None

Color:

E

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Crystal/Cloud

Characteristic Location(s):

Table/Throughout Crown

*Comments: This man-made diamond was grown in a laboratory by the HPHT method, and has the same chemical, physical, and optical properties as an earth mined diamond.

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.

