Identification Data

April 29, 2021

LAB GROWN DIAMOND
Certificate No: 311130013

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 "GROWN IN THE USA BY WD", "PAT. 6,858,078", GCAL Logo and "LG311130013"

GCAL LG311130013

GROWN IN THE USA BY WD

PAT. 6,858,078

GCAL
GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

ilac-MRA ANAB

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The 4Cs Grading Analysis

GCAL 311130013   LAB GROWN DIAMOND*

Carat Weight: 1.23

Cut: Excellent
Shape: Princess
Measurements: 5.98x5.79x4.02mm
Optical Brilliance: Excellent
Optical Symmetry: Very Good
Polish: Excellent
External Symmetry: Very Good
Girdle Thickness: Thick
Culet Size: None

Color: I
Fluorescence: None

Clarity: VS1
Identifying Characteristic(s):   Crystal/Clouds
Characteristic Location(s):   Crown Step/Table

*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.
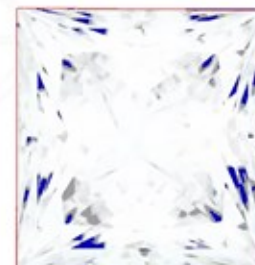
Optical Brilliance
Excellent

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.
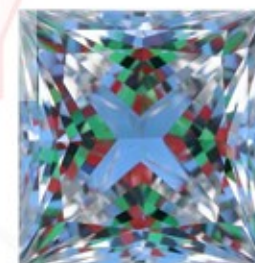
Optical Symmetry
Very Good

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

5.79mm
3.99mm 69%
0.64mm 11.1%
0.29mm 5.0%
4.02mm 69.4%
3.10mm 53.5%
0.02mm 0.3%

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