Identification Data

March 26, 2021

LAB GROWN DIAMOND
Certificate No: 310810382

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 "LG310810382"

GCAL LG310810382

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

iiac-MRA   ANAB

GCAL INTEGRITY GUARANTEED

The 4Cs Grading Analysis

GCAL 310810382   LAB GROWN DIAMOND*

Carat Weight:	1.09

Cut: Excellent
Shape:	Pear Brilliant
Measurements:	9.28x5.73x3.59mm
Optical Brilliance:	Excellent
Optical Symmetry:	Very Good
Polish:	Excellent
External Symmetry:	Excellent
Girdle Thickness:	Thin-Thick
Culet Size:	None

Color: I
Fluorescence:	None

Clarity: VS1
Identifying Characteristic(s):	Crystals/Feather
Characteristic Location(s):	Bezel,Upper Girdle/Pavilion Main

*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.
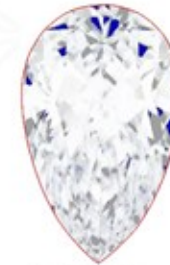
Optical Brilliance
Excellent

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.
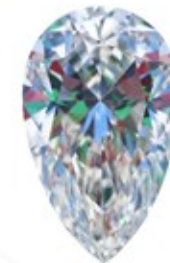
Optical Symmetry
Very Good

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

5.73mm
3.26mm 57%
32.9°
0.23mm 4.0%
0.81mm 14.1%
3.59mm 62.7%
2.55mm 44.5%
41.2°
0.04mm 0.7%

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