Identification Data

August 20, 2021

LAB GROWN DIAMOND
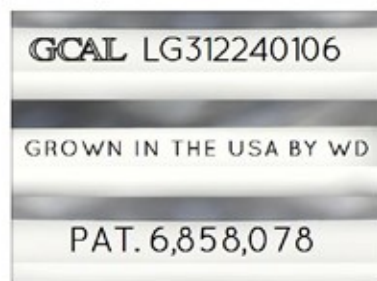Certificate No: 312240106

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 "LG312240106"

GCAL LG312240106

GROWN IN THE USA BY WD

PAT. 6,858,078

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

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The 4Cs Grading Analysis

GCAL 312240106   LAB GROWN DIAMOND*

Carat Weight: 1.58

Cut: Very Good
Shape: Radiant Brilliant
Measurements: 7.96x5.92x3.75mm
Optical Brilliance: Excellent
Optical Symmetry: Good
Polish: Very Good
External Symmetry: Very Good
Girdle Thickness: Sl.Thick
Culet Size: None

Color: H
Fluorescence: None

Clarity: VS2
Identifying Characteristic(s):   Clouds/Feathers
Characteristic Location(s):   Table/
Crown Shoulder-Crown Step,Crown Step

*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. As Grown - No evidence of post-growth treatment was detected.

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
Good

Proportion Diagram:

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

5.92mm
3.40mm 57%
0.78mm 13.0%
0.25mm 4.2%
3.75mm 63.3%
2.72mm 46.0%
0.03mm 0.5%

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