

Identification Data



December 17, 2020
 LAB GROWN DIAMOND
 Certificate No: 303450025

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 "LG303450025"



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 303450025

LAB GROWN DIAMOND*

Carat Weight: 1.70

Cut: Excellent
Shape: Round Brilliant
Measurements: 7.59-7.64x4.77mm
Optical Brilliance: Excellent
Optical Symmetry: Excellent
Polish: Very Good
External Symmetry: Very Good
Girdle Thickness: Medium-SI.Thick
Culet Size: None

Color: H
Fluorescence: None

Clarity: VS1
Identifying Characteristic(s): Clouds/Crystal/Feathers
Characteristic Location(s): Upper Girdle, Table/Bezel/
 Upper Girdle

*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:

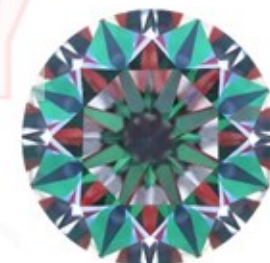
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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
 Excellent

Proportion Diagram:

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

