

Identification Data



October 28, 2020

LAB GROWN DIAMOND
Certificate No: 302940620

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", GCAL Logo and "LG302940620"



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 302940620

LAB GROWN DIAMOND*

Carat Weight: 0.51

Cut: Excellent
Shape: Round Brilliant
Measurements: 5.17-5.20x3.10mm
Optical Brilliance: Excellent
Optical Symmetry: Excellent
Polish: Very Good
External Symmetry: Very Good
Girdle Thickness: Thin-SI.Thick
Culet Size: None

Color: I
Fluorescence: None

Clarity: SI1
Identifying Characteristic(s): Clouds/Crystal/Feathers
Characteristic Location(s): Table,Throughout Crown/Table/Pavilion

*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:

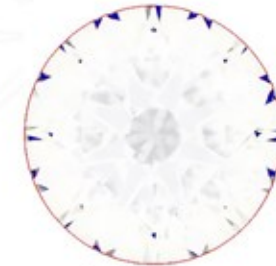
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

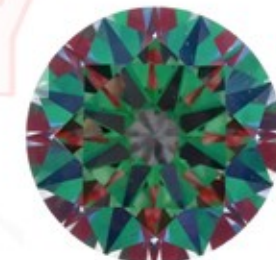
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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.

