

Identification Data



November 15, 2020
 LAB GROWN DIAMOND
 Certificate No: 303110044

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 "LG303110044"



The 4Cs Grading Analysis

GCAL 303110044

LAB GROWN DIAMOND*

Carat Weight: 4.59

Cut: Very Good
 Shape: Oval Brilliant
 Measurements: 12.75x9.41x6.15mm
 Optical Brilliance: Excellent
 Optical Symmetry: Good
 Polish: Very Good
 External Symmetry: Very Good
 Girdle Thickness: Medium-Thick
 Culet Size: None

Color: E
 Fluorescence: None

Clarity: VS2
 Identifying Characteristic(s): Crystals/Cloud
 Characteristic Location(s): Bezel, Upper Girdle/Bezel

*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:

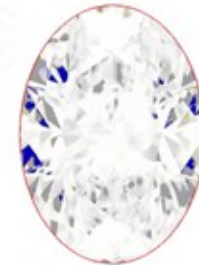
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

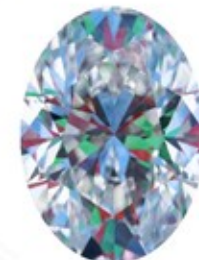
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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
 Good

Proportion Diagram:

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



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580 Fifth Avenue LL-05, NY, NY 10036 USA • T 212.869.8985 • GCALUSA.com

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