

Identification Data



April 26, 2021

LAB GROWN DIAMOND
Certificate No: 311060163



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 "LAB GROWN PAT. 6,858,078", GCAL Logo and "LG311060163"



GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

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



The 4Cs Grading Analysis

GCAL 311060163

LAB GROWN DIAMOND*

Carat Weight:

0.82

Cut:

Shape:

Measurements:

Optical Brilliance:

Fire:

Polish:

External Symmetry:

Girdle Thickness:

Culet Size:

Excellent

Round Brilliant

6.13-6.15x3.60mm

Excellent

Excellent

Very Good

Very Good

Medium

None

Color:

Fluorescence:

G

None

Clarity:

Identifying Characteristic(s):

Characteristic Location(s):

VS2

Clouds/Feathers

Upper Girdle, Bezel/Lower 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

Fire Analysis:

Fire results when white light traveling through the diamond is dispersed into its rainbow of spectral colors. View the actual fire video of your lab grown diamond at www.GCALUSA.com



Fire
Excellent

Proportion Diagram:

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

