

Identification Data



April 26, 2021

LAB GROWN DIAMOND
Certificate No: 311060133



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 "LG311060133"



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 311060133

LAB GROWN DIAMOND*

Carat Weight:

1.65

Cut:

Excellent

Shape:

Emerald Step

Measurements:

8.22x5.85x3.77mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Excellent

External Symmetry:

Excellent

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

None

Color:

J

Fluorescence:

None

Clarity:

VS2

Identifying Characteristic(s):

Crystals/Clouds

Characteristic Location(s):

Table, Crown Step/
Throughout Crown

*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
Very Good

Proportion Diagram:

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

