

Identification Data



October 25, 2021

LAB GROWN DIAMOND

Certificate No: 312840594

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 "LAB GROWN PAT. 6,858,078", GCAL Logo and "LG312840594"



The 4Cs Grading Analysis

GCAL 312840594

LAB GROWN DIAMOND*

Carat Weight:

2.02

Cut:

Excellent

Shape:

Emerald Step

Measurements:

8.59x6.03x4.01mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Very Good

External Symmetry:

Very Good

Girdle Thickness:

SI.Thick

Culet Size:

None

Color:

H

Fluorescence:

None

Clarity:

SI1

Identifying Characteristic(s):

Crystals/Cloud

Characteristic Location(s):

Crown Step, Table/Crown Step

*Comments: This laboratory grown diamond was created by the CVD (Chemical Vapor Deposition) method, and has the same chemical, physical, and optical properties as a 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:

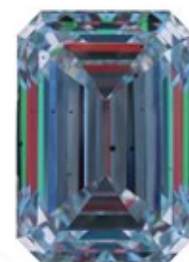
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



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.



GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

580 Fifth Ave LL-05
New York, NY 10036
T 212-869-8985
GCALUSA.com



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