

Identification Data



November 29, 2021

LAB GROWN DIAMOND
Certificate No: 313090012

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 "LG313090012"



The 4Cs Grading Analysis

GCAL 313090012

LAB GROWN DIAMOND*

Carat Weight: 1.61

Cut: Very Good
Shape: Emerald Step
Measurements: 7.76x5.73x3.82mm
Optical Brilliance: Excellent
Optical Symmetry: Good
Polish: Very Good
External Symmetry: Good
Girdle Thickness: Thick
Culet Size: None

Color: G
Fluorescence: None

Clarity: VS2
Identifying Characteristic(s): Crystals
Characteristic Location(s): Crown Step, Table

*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. As Grown - No evidence of post-growth treatment was detected.

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:

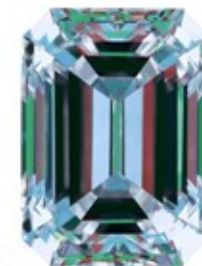
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

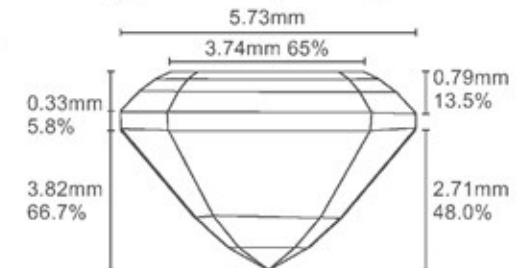
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Good

Proportion Diagram:

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



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