

Identification Data



January 14, 2021

LAB GROWN DIAMOND
Certificate No: 310050103

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 "LG310050103"



The 4Cs Grading Analysis

GCAL 310050103

LAB GROWN DIAMOND*

Carat Weight: 1.59

Cut: Excellent
Shape: Princess
Measurements: 6.38x6.37x4.52mm
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: VS2
Identifying Characteristic(s): Crystals, Clouds
Characteristic Location(s): Table

*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:

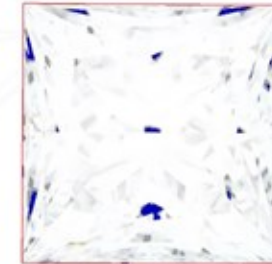
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.



Light Performance Profile

Optical Brilliance Analysis:

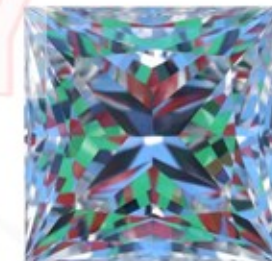
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

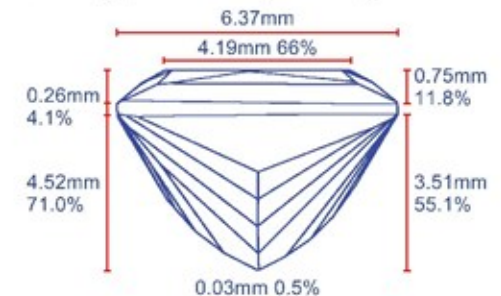
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Very Good

Proportion Diagram:

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



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