

Identification Data



September 21, 2020
 LAB GROWN DIAMOND
 Certificate No: 302590010

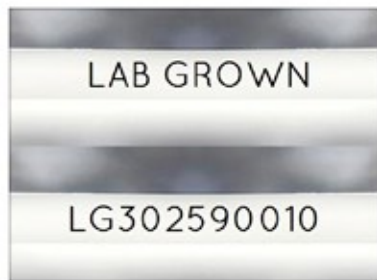
Gemprint™

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" and "LG302590010"



The 4Cs Grading Analysis

GCAL 302590010

LAB GROWN DIAMOND*

Carat Weight: 0.49

Cut: Very Good
 Shape: Princess
 Measurements: 4.21x4.13x2.95mm
Optical Brilliance: Excellent
Optical Symmetry: Good
Polish: Good
External Symmetry: Good
Girdle Thickness: Thick-Very Thick
Culet Size: None

Color: E
Fluorescence: None

Clarity: VVS2
 Identifying Characteristic(s): Feathers/Pinpoint/Chip
 Characteristic Location(s): Table/Pavilion Main/Crown Corner

*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:

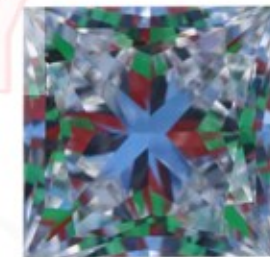
Brilliance is the overall return of light to the viewer. The brilliance image is a representation of (a) white areas of light return, or brilliance, and (b) dark-blue areas of light loss.



Optical Brilliance
Excellent

Optical Symmetry Analysis:

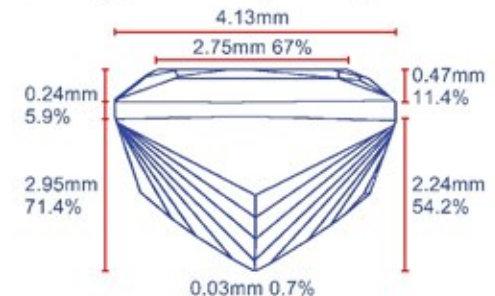
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Good

Proportion Diagram:

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



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