

# Identification Data



October 23, 2021  
 LAB GROWN DIAMOND  
 Certificate No: 312790224



Gemprint is the unique optical fingerprint for positive identification of your lab grown diamond. Register your lab grown diamond at [www.Gemprint.com](http://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 "LG312790224"



# The 4Cs Grading Analysis

GCAL 312790224

LAB GROWN DIAMOND\*

Carat Weight:

1.70

Cut:

Excellent

Shape:

Pear Brilliant

Measurements:

10.48x6.70x4.12mm

Optical Brilliance:

Excellent

Optical Symmetry:

Very Good

Polish:

Excellent

External Symmetry:

Excellent

Girdle Thickness:

Medium-SI.Thick

Culet Size:

None

Color:

D

Fluorescence:

None

Clarity:

VVS2

Identifying Characteristic(s):

Feather/Pinpoints

Characteristic Location(s):

Pavilion Main-Lower Girdle/  
 Throughout Pavilion

\*Comments: This laboratory grown diamond was created by the HPHT (High Pressure High Temperature) method, and has the same chemical, physical, and optical properties as a mined diamond.

### 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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