

# Identification Data



August 18, 2021  
 LAB GROWN DIAMOND  
 Certificate No: 312070099

## Gemprint®

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 "LG312070099"



# The 4Cs Grading Analysis

GCAL 312070099

LAB GROWN DIAMOND\*

**Carat Weight:** 0.44

**Cut:** Very Good  
 Shape: Marquise Brilliant  
 Measurements: 7.69x4.02x2.43mm  
 Optical Brilliance: Excellent  
 Optical Symmetry: Very Good  
 Polish: Very Good  
 External Symmetry: Good  
 Girdle Thickness: Thin-SI.Thick  
 Culet Size: None

**Color:** E  
**Fluorescence:** None

**Clarity:** VS2  
 Identifying Characteristic(s): Needles/Feathers  
 Characteristic Location(s): Table,Crown/Lower Girdle

\*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.



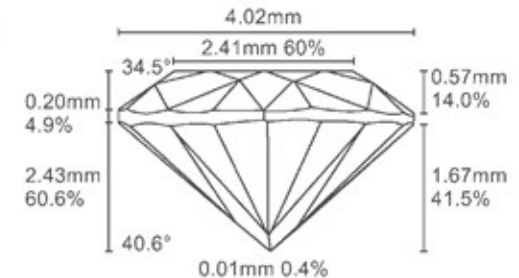
Optical Brilliance  
Excellent

**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.



**GCAL** GEM CERTIFICATION & ASSURANCE LAB  
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