Identification Data



September 8, 2021

LAB GROWN DIAMOND Certificate No: 312390121

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 "LG312390121"







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ISO/IEC 17025 2017 ANAB L2177-1 Accredited Testing Lab

The 4Cs Grading Analysis

GCAL 312390121 LAB GROWN DIAMOND*

Carat Weight: 1.55

Very Good Cut: Round Brilliant Shape: Measurements: 7.40-7.43x4.63mm Optical Brilliance: Excellent Optical Symmetry: Very Good Polish: Excellent External Symmetry: Very Good Girdle Thickness: Thin-Medium Culet Size: None

G Color: Fluorescence: None

VS2 Clarity: Identifying Characteristic(s) Crystals/Clouds/Feathers Characteristic Location(s): Star, Bezel, Table/Table, Bezel/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.

Photomicrographs:

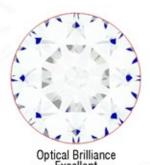
Actual images of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x.





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 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

Proportion Diagram:

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

