Guaranteed Lab Grown Diamond Grading Certificate

Identification Data

September 08, 2021

LAB GROWN DIAMOND
Certificate No: 312390132

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 "LG312390132"

GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

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The 4Cs Grading Analysis

GCAL 312390132 — LAB GROWN DIAMOND*

Carat Weight:	1.03
Cut:	Very Good
Shape:	Round Brilliant
Measurements:	6.47-6.50x4.02mm
Optical Brilliance:	Excellent
Optical Symmetry:	Very Good
Polish:	Good
External Symmetry:	Very Good
Girdle Thickness:	Thin-Medium
Culet Size:	None
Color:	G
Fluorescence:	None
Clarity:	VS1
Identifying Characteristic(s):	Clouds
Characteristic Location(s):	Star,Upper Girdle,Lower Girdle

*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

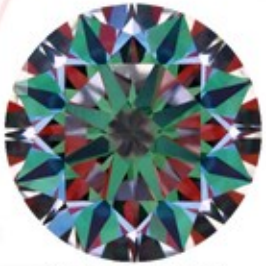
Optical Brilliance Analysis:

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 Brilliance
Excellent

Optical Symmetry Analysis:

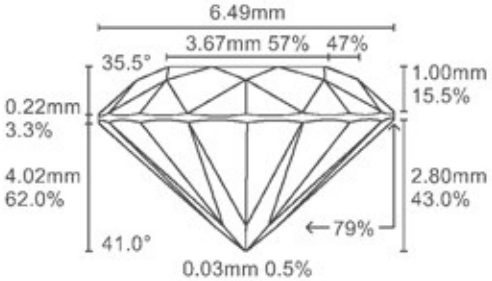
The colored areas of the symmetry image are indications of light handling ability, giving a visual representation of proportions and facet alignment.



Optical Symmetry
Very Good

Proportion Diagram:

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



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