Guaranteed Lab Grown Diamond Grading Certificate

Identification Data

September 11, 2020

LAB GROWN DIAMOND
Certificate No: 302440001

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 "LG302440001"

GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

GCAL INTEGRITY GUARANTEED

The 4Cs Grading Analysis

GCAL 302440001 — LAB GROWN DIAMOND*

Carat Weight:	**1.17**
Cut:	**Ideal**
Shape:	Round Brilliant
Measurements:	6.78-6.80x4.18mm
Hearts:	Excellent
Arrows:	Excellent
Optical Brilliance:	Excellent
Optical Symmetry:	Excellent
Polish:	Excellent
External Symmetry:	Excellent
Girdle Thickness:	Medium-Sl.Thick
Culet Size:	None
Color:	**D**
Fluorescence:	None
Clarity:	**VS1**
Identifying Characteristic(s):	Crystal
Characteristic Location(s):	Upper Girdles

*Comments: This man-made diamond was grown in a laboratory by the HPHT method, and has the same chemical, physical, and optical properties as a natural earth mined diamond. This diamond is Type II, which means it is devoid of nitrogen impurities.

Photomicrographs:

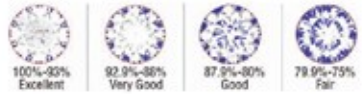
Actual images of the crown (top) and pavilion (bottom) of this lab grown diamond photographed at magnifications up to 10x.

Light Performance Profile

Optical Brilliance Analysis:

Excellent

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:

Excellent

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

Hearts and Arrows:

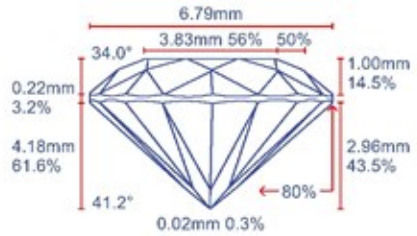
Precision faceting is visualized as Hearts and Arrows when brilliant cut stones are viewed in specific lighting conditions. Each pattern is the result of facet placement and alignment.

Excellent

Excellent

Proportion Diagram:

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



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