Identification Data

November 4, 2020

LAB GROWN DIAMOND
Certificate No: 303020104

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", GCAL Logo and "LG303020104"

GCAL LG303020104

LAB GROWN

GCAL
GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

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

IIac-MRA ANAB

GCAL INTEGRITY GUARANTEED

The 4Cs Grading Analysis

GCAL 303020104   LAB GROWN DIAMOND*

Carat Weight: 1.59

Cut: Excellent
Shape: Round Brilliant
Measurements: 7.44-7.46x4.64mm
Optical Brilliance: Excellent
Optical Symmetry: Excellent
Polish: Excellent
External Symmetry: Very Good
Girdle Thickness: Medium-Sl.Thick
Culet Size: None

Color: H
Fluorescence: None

Clarity: VS2
Identifying Characteristic(s): Clouds/Crystals
Characteristic Location(s):   Table,Upper Girdle,Bezel/
                                Bezel,Table

*Comments: This man-made diamond was grown in a laboratory by the CVD method, and has the same chemical, physical, and optical properties as a natural earth 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.
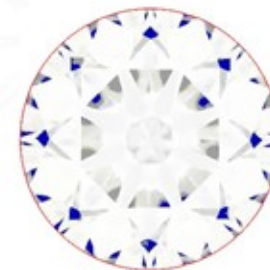
Optical Brilliance
Excellent

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
Excellent

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

7.45mm
4.27mm 57%   50%
35.5°
1.14mm 15.0%
0.28mm 3.8%
4.64mm 62.3%
3.23mm 43.5%
41.0°   80%
0.04mm 0.5%