Identification Data

October 21, 2021

LAB GROWN DIAMOND
Certificate No: 312780477

Gemprint *The fingerprint system for diamonds®*

Gemprint is the unique optical identification fingerprint of your lab grown diamond. Register your lab grown diamond fingerprint at www.Gemprint.com and receive insurance discounts up to 10%.

Laser Inscription

GCAL LG312780477

GROWN IN THE USA BY WD

PAT. 6,858,078

Girdle laser inscribed:
GCAL LG312780477
GROWN IN THE USA BY WD
PAT. 6,858,078
This illustration depicts the approximate appearance of the inscriptions

Certified **SUSTAINABILITY RATED DIAMOND** SCS GLOBAL SERVICES

All certified diamonds come with an individual certificate, ONLY available at an accredited retailer

FOR THE SUSTAINABILITY RATED CERTIFICATE, SCAN HERE →

GCAL GEM CERTIFICATION & ASSURANCE LAB
ISO 17025 ACCREDITED FORENSIC LABORATORY

580 Fifth Ave LL-05
New York, NY 10036
T 212-869-8985
GCALUSA.com

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

The 4Cs Grading Analysis

GCAL 312780477   LAB GROWN DIAMOND*

Carat Weight: 0.74

Cut: Excellent
Shape: Round Brilliant
Measurements: 5.80-5.83x3.58mm
Optical Brilliance: Excellent
Optical Symmetry: Excellent
Polish: Very Good
External Symmetry: Very Good
Girdle Thickness: Medium-Sl.Thick
Culet Size: None

Color: G
Fluorescence: None

Clarity: VS2
Identifying Characteristic(s): Crystals/Cloud
Characteristic Location(s): Bezel/Bezel/Upper 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. As Grown - No evidence of post-growth treatment was detected.

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.
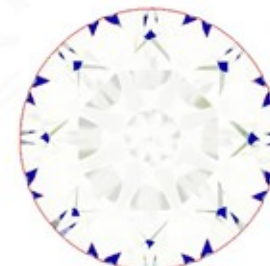
Optical Brilliance
Excellent

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.
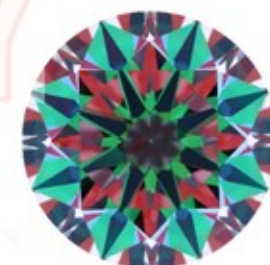
Optical Symmetry
Excellent

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

5.82mm
3.35mm 58% 49%
34.0°
0.83mm 14.0%
0.23mm 3.9%
3.58mm 61.5%
2.52mm 43.5%
41.2°
79%
0.03mm 0.5%