

Identification Data

January 03, 2022

LAB GROWN DIAMOND 
Certificate Number 281170201



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 "LG281170201"



The 4Cs Grading Analysis

GCAL 281170201

LAB GROWN DIAMOND*

Carat Weight:

1.68

Cut:

Excellent

Shape:

Round Brilliant

Measurements:

7.61-7.66x4.70mm

Polish:

Very Good

External Symmetry:

Very Good

Girdle Thickness:

Medium-Sl.Thick

Culet Size:

None

Color:

J

Fluorescence:

None

Clarity:

I1

Identifying Characteristic(s):

Feather,Cloud

Characteristic Location(s):

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 lab grown diamond is classified as Type IIa, which is the most chemically pure type of diamond, and almost or entirely devoid of impurities. Only 1-2% of natural earth mined diamonds are Type IIa, whereas, colorless and near-colorless CVD lab grown diamonds are usually Type IIa.

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.

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.

Excellent



Proportion Diagram:

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



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