



INTERNATIONAL  
GEMOLOGICAL  
INSTITUTE

ELECTRONIC COPY

LABORATORY GROWN DIAMOND REPORT

January 11, 2022

IGI Report Number

LG510184315

Description

LABORATORY GROWN  
DIAMOND

Shape and Cutting Style

ROUND BRILLIANT

Measurements

6.44 - 6.50 X 4.04 MM

GRADING RESULTS

Carat Weight

1.04 CARAT

Color Grade

D

Clarity Grade

SI 1

Cut Grade

IDEAL

ADDITIONAL GRADING INFORMATION

Polish

EXCELLENT

Symmetry

EXCELLENT

Fluorescence

NONE

Inscription(s)

LABGROWN IGI LG510184315

Comments: As Grown - No indication of post-growth treatment.  
This Laboratory Grown Diamond was created by High Pressure High Temperature (HPHT) growth process.  
Type II

LABORATORY GROWN DIAMOND REPORT

PROPORTIONS

Diagram of a Round Brilliant diamond showing proportions: Table 57.5%, Crown Angle 34°, Pavilion Angle 41.2°, Depth 62.3%, Girdle 14.5% (Medium To Slightly Thick (Faceted)), and Height 44%.

CLARITY CHARACTERISTICS

Diagram showing internal characteristics (red lines) and external characteristics (green lines) on a diamond's facets.

KEY TO SYMBOLS

Red symbols indicate internal characteristics.  
Green symbols indicate external characteristics.

LABORATORY GROWN DIAMOND REPORT

GRADING SCALES

COLOR GRADING SCALE

|               |                    |           |                |           |
|---------------|--------------------|-----------|----------------|-----------|
| CL            | NC                 | FT        | VLT            | LT        |
| COLORLESS D-F | NEAR COLORLESS G-J | FAINT K-M | VERY LIGHT N-R | LIGHT S-Z |

CLARITY (10x) GRADING SCALE

|                              |                             |                        |                   |          |   |
|------------------------------|-----------------------------|------------------------|-------------------|----------|---|
| FL                           | IF                          | VVS                    | VS                | SI       | I |
| FLAWLESS INTERNALLY FLAWLESS | VERY VERY SLIGHTLY INCLUDED | VERY SLIGHTLY INCLUDED | SLIGHTLY INCLUDED | INCLUDED |   |

Sample Images Used

Image of the diamond showing the inscription: LABGROWN IGI LG510184315

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ROUND BRILLIANT

6.44 - 6.50 X 4.04 MM

Carat Weight

1.04 CARAT

Color Grade

D

Clarity Grade

SI 1

Cut Grade

IDEAL

Depth

62.3%

Table

57.5%

Girdle

Medium To Slightly Thick (Faceted)

Culet

Pointed

Polish

EXCELLENT

Symmetry

EXCELLENT

Fluorescence

NONE

Inscription(s)

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www.igi.org

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