



# INTERNATIONAL GEMOLOGICAL INSTITUTE

SCIENTIFIC LABORATORY FOR THE IDENTIFICATION AND GRADING  
OF DIAMOND AND COLORED STONES

## EDUCATIONAL PROGRAMS

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# LABORATORY GROWN DIAMOND REPORT

This report is a statement of the diamond's identity  
and grade including all relevant information.

NUMBER **LG400945275**

ANTWERP, December 27, 2019

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

DESCRIPTION  
SHAPE AND CUT

LABORATORY GROWN DIAMOND  
ROUND BRILLIANT

CARAT WEIGHT  
COLOR GRADE  
CLARITY GRADE  
CUT GRADE

**1.17 CARAT**  
**I**  
**SI 1**  
**EXCELLENT**

POLISH  
SYMMETRY

**EXCELLENT**  
**EXCELLENT**

Measurements  
Table Size  
Crown Height - Angle  
Pavilion Depth - Angle  
Girdle Thickness  
Culet  
Total Depth

**6.81 - 6.86 x 4.07 mm**  
**58%**  
**13% - 32.3°**  
**42.5% - 40.5°**  
**MEDIUM TO SLIGHTLY THICK (FACETED)**  
**POINTED**  
**59.5%**

FLUORESCENCE

**NONE**

COMMENTS

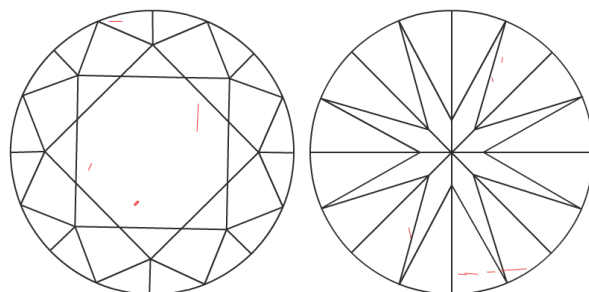
This Laboratory grown diamond was created by  
chemical vapor deposition process (CVD)  
Type IIa

LASERSCRIBE

LABGROWN IGI LG400945275

The symbols do not usually reflect the size of the characteristics.

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



insignificant **external** details, visible under  
high magnification only, are not shown



Security features included in this document are hologram,  
watermarked paper and additional features not listed,  
that, as a composite, exceed industry security standards.



CLARITY GRADE: Internally Flawless VVS<sub>1</sub> VVS<sub>2</sub> VS<sub>1</sub> VS<sub>2</sub> SI<sub>1</sub> SI<sub>2</sub> I<sub>1</sub> I<sub>2</sub> I<sub>3</sub>

COLOR GRADE: D E F G H I J K L M N O P Q R S-Z FANCY COLOR

PROPORTIONS - MARGIN: ± 1%

MEASUREMENTS - MARGIN: ± 0.02mm

The laboratory grown diamond described in this report has been graded, tested, analyzed, examined and/or inscribed by International Gemological Institute (IGI). Laboratory grown diamonds are diamond crystals created by scientific means and representing essentially all physical, chemical and optical characteristics of natural diamonds. IGI employs and utilizes those techniques and equipment currently available to IGI including without limitations: DiamondView, DiamondSure, FTIR spectroscopy, UV VIS NIR absorption spectrometer, EDXRF spectroscopy, PL (RAMAN) spectrometers. This report includes advanced security features. A duly accredited gemologist or jeweler can advise you with respect to the importance of and interrelationship between cut, color, clarity and carat weight.

**THIS REPORT IS NEITHER A GUARANTEE, VALUATION NOR APPRAISAL OF THE LABORATORY GROWN DIAMOND DESCRIBED HEREIN**

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