



# 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 **LG400911006**

ANTWERP, December 24, 2019

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

DESCRIPTION  
SHAPE AND CUT  
  
CARAT WEIGHT  
COLOR GRADE  
CLARITY GRADE  
CUT GRADE

LABORATORY GROWN DIAMOND  
ROUND BRILLIANT  
  
**1.68 CARAT**  
**J**  
**VS 1**  
**EXCELLENT**

POLISH  
SYMMETRY

EXCELLENT  
VERY GOOD

Measurements

7.75 - 7.77 x 4.58 mm

Table Size

58%

Crown Height - Angle

13.5% - 32.2°

Pavilion Depth - Angle

42% - 40.3°

Girdle Thickness

MEDIUM (FACETED)

Culet

POINTED

Total Depth

59.1%

FLUORESCENCE

NONE

COMMENTS

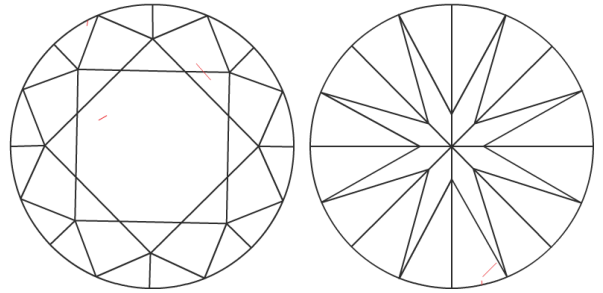
This Laboratory grown diamond was created by chemical vapor deposition process (CVD) Type IIa

LASERSCRIBE

LABGROWN IGI LG400911006

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



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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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