



# 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 **LG\_305810916**

ANTWERP, February 16, 2018

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

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

**LABORATORY GROWN DIAMOND**  
**ROUND BRILLIANT**

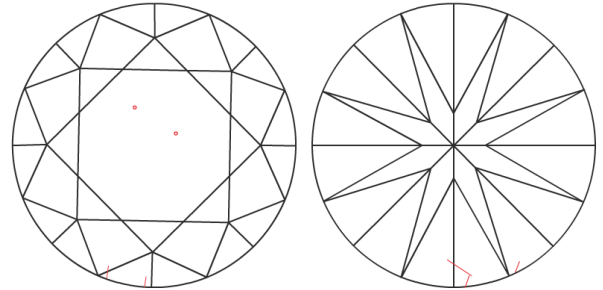
**1.05 CARAT**  
**I**  
**SI 1**  
**EXCELLENT**

**EXCELLENT**  
**VERY GOOD**

Measurements 6.46 - 6.49 x 4.05 mm  
Table Size 57%  
Crown Height - Angle 15% - 34.7°  
Pavilion Depth - Angle 43.5% - 41°  
Girdle Thickness **SLIGHTLY THICK (FACETED)**  
Culet **POINTED**  
Total Depth 62.5%

**FLUORESCENCE** NONE

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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COMMENTS

**IDEAL CUT ROUND BRILLIANT**  
This Chemical Vapor Deposition (CVD) laboratory grown diamond is classified as Type IIa

LASERSCRIBE

**LABORATORY GROWN**  
IGI LG\_305810916



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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