



# INTERNATIONAL GEMOLOGICAL INSTITUTE

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

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## DIAMOND REPORT

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

NUMBER **162577520**

MUMBAI, May 15, 2015

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

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

NATURAL DIAMOND  
ROUND BRILLIANT

**0.45 CARAT**  
**F**  
**VS 1**  
**VERY GOOD**

VERY GOOD  
GOOD

Measurements 4.99 - 5.01 x 2.91 mm  
Table Size 62%  
Crown Height - Angle 12% - 32.1°  
Pavilion Depth - Angle 42% - 39.7°  
Girdle Thickness MEDIUM TO SLIGHTLY THICK (FACETED)  
Culet POINTED  
Total Depth 58.3%

FLUORESCENCE

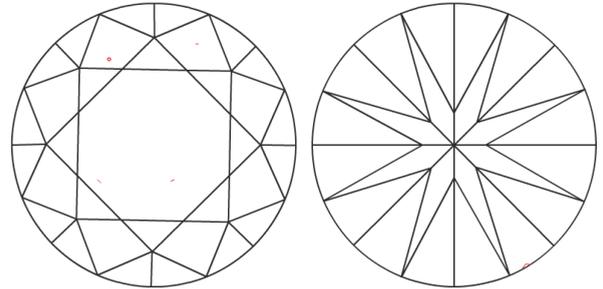
NONE

LASERSCRIBE

IGI 162577520

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



*Signature*  
Gemologist (01)

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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 gemological analysis of diamonds, precious stones and other minerals must be carried out by gemologists with many years experience. In this field who have a keen sense of the professional code of ethics governing their work as well as a thorough knowledge of crystallographic, optical and physical phenomenon.

The identification of the various species and varieties of stones, the distinction between natural and synthetic material, as well as various treatment methods currently encountered are all very sensitive factors. More specifically for diamonds, the laws of refraction and dispersion of light, the related geometric data as well as knowledge of all aspects involved in the cutting process are essential.

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