



# 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 219615506

MUMBAI, July 19, 2016

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

DESCRIPTION  
SHAPE AND CUT

NATURAL DIAMOND  
ROUND BRILLIANT

CARAT WEIGHT  
COLOR GRADE  
CLARITY GRADE  
CUT GRADE

0.50 CARAT  
H  
SI 1  
EXCELLENT

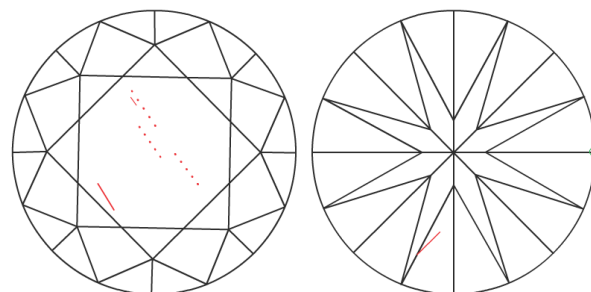
POLISH  
SYMMETRY

EXCELLENT  
EXCELLENT

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

5.07 - 5.10 x 3.13 mm  
60%  
13.5% - 34.1°  
44% - 41.5°  
MEDIUM TO SLIGHTLY THICK (FACETED)  
POINTED  
61.6%  
VERY SLIGHT

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)

0-m 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:  $\pm 1\%$

MEASUREMENTS - MARGIN:  $\pm 0.02\text{mm}$

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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