# 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 **229675689**

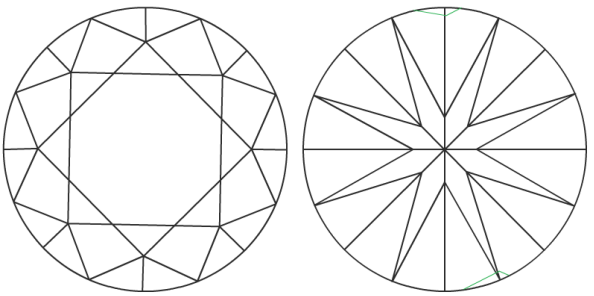
ANTWERP, September 15, 2016

**LABORATORY REPORT (ORIGINAL)**

TO WHOM IT MAY CONCERN.

| | |
|---|---|
| DESCRIPTION | NATURAL DIAMOND |
| SHAPE AND CUT | ROUND BRILLIANT |
| **CARAT WEIGHT** | **0.71 CARAT** |
| **COLOR GRADE** | **D** |
| **CLARITY GRADE** | **INTERNALLY FLAWLESS** |
| **CUT GRADE** | **EXCELLENT** |
| POLISH | EXCELLENT |
| SYMMETRY | VERY GOOD |
| Measurements | 5.65 - 5.73 x 3.59 mm |
| Table Size | 57% |
| Crown Height - Angle | 15% - 34.4° |
| Pavilion Depth - Angle | 44.5% - 41.5° |
| Girdle Thickness | MEDIUM (FACETED) |
| Culet | POINTED |
| FLUORESCENCE | VERY SLIGHT |
| LASERSCRIBE | IGI 229675689 |

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 | $VVS_1$ | $VVS_2$ | $VS_1$ | $VS_2$ | $SI_1$ | $SI_2$ | $I_1$ | $I_2$ | $I_3$ |
|---|---|---|---|---|---|---|---|---|---|---|

| 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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