

INTERNATIONAL GEMMOLOGICAL INSTITUTE

SCIENTIFIC LABORATORY FOR IDENTIFICATION AND GRADING
OF DIAMONDS AND COLORED STONES

Registered offices and
Laboratories p.v.b.a.
SCHUPSTRAAT 1/7
B-2018 ANTWERP - BELGIUM
☎ 03/231 68 45 (6 L.)



COLORED STONE CERTIFICATE

LABORATORY REPORT (ORIGINAL)

TO WHOM IT MAY CONCERN.	Certificate Number : 1L133724	DATE : ANTWERP, 27th. September 1989
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SPECIES NATURAL BERYL

VARIETY NATURAL EMERALD

SHAPE AND CUT SQUARE EMERALD CUT

WEIGHT 1.19 Carat

MEASUREMENTS 6.47 x 6.26 x 4.35 mm.

COLOR AND TRANSPARENCY LIGHT TRANSPARENT

REFRACTOMETER - POLARISCOPE

Refractive Index 1.570 - 1.580

Birefringence 006

Optic Character DOUBLY REFRACTIVE

Optic Sign UNIAXIAL MINUS

Characteristic Imperfections and Inclusions : NATURAL

INCLUSIONS PATTERN

Typical Absorption Spectra

Specific Gravity 2.69

ULTRA VIOLET

Long Wave INERT

Short Wave INERT

PLEOCHROISM : MODERATE DICHROIC EFFECT

COMMENTS :

Control Department


LABORATORY DIRECTOR, GEMMOLOGIST

* MEASUREMENTS - MARGIN : 0.03 mm.

This report is subject to the terms and conditions set forth on the reverse.