

GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2019-100512
Date 3rd October 2019
Object One faceted gemstone
Identification Natural Emerald



Weight 3.15 ct
Dimensions 9.18 x 9.16 x 6.22 (mm)
Cut step/step (3)
Shape octagonal
Color vivid green *
Comment CE(O): Insignificant
* Special comment see appendix

Origin

Gemmological testing revealed characteristics corresponding to those of a natural emerald from:

Colombia

MUZO

Dr. A. Peretti, FGG FGA
EurGeol (European Geologist)



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2019-100512

Verification



CTA-3127
#967

**Appendix to report No. GRS2019-100512**

This vividly saturated emerald of 3.15 ct is reminiscent in hue of the varieties displaying the legendary colors found in the world renowned Muzo mines. They are formally described as "Muzo Green" (*) and commonly known in the trade as "Old Mine" emeralds.

This particular emerald displays an additional microscopic velvety appearance caused by a rare growth phenomenon described in the literature as "butterfly-wing effect".

These stones are given the designation GRS-type "Mariposa", referring to the Spanish word for butterfly.



Dr. A. Peretti
Director GRS

This appendix indicates the specific quality and color for emeralds from various Colombian mines; however, it does not specify from which particular mine they were found.

() For further information see www.muzo-green.com*

