

GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2024-046665
Date 4th April 2024
Object One faceted gemstone
Identification Natural Emerald



Weight 4.14 ct
Dimensions 11.21 x 10.35 x 5.15 (mm)
Cut step/step (4)
Shape octagonal
Color vivid green (special comment see appendix)
Comment CE(O): Minor
Non-enhanced clarity features (fissure) are eye visible.
(clarity potentially improvable by post-testing treatment)

See reverse for important information, terms and limitations

Origin

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

Colombia


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



GRS GEMRESEARCH
SWISSLAB®

www.gemresearch.ch

Verification



2024-046665



Appendix to report No. GRS2024-046665

This vividly saturated emerald of 4.14 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.

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*

