

GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE
PLATINUM RARITY AWARD ISSUE

No. GRS2021-061534 (Award No. 3103)
Date 16th June 2021
Object One important gemstone
Identification Natural Emerald



Weight 12.46 ct
Dimensions 14.87 x 12.22 x 9.45 (mm)
Cut step/step (7)
Shape octagonal
Color vivid green (GRS brilliancy-type "vibrant")
Comment CE(O): Minor

Origin

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

Zambia

Special comment see appendix



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



PORTRAIT OF ONE IMPORTANT 12.46 CT NATURAL EMERALD

Appendix to GRS2021-061534

Award No. 3103

GRS Laboratories examined a 12.46 ct natural emerald, described in report number GRS2021-061534, that demonstrates very good characteristics worthy of a dedicated mention.

This important octagonal-cut Zambian emerald is distinguished by a very rare combination of size above 12 ct, excellent brilliancy, transparency, and well-balanced proportions.

Analytical and advanced testing trace the origin of this gemstone to the mines of Zambia, the mining area currently producing large and significant emeralds. The fascinating internal world of Zambian emerald inclusions is present in this particular gemstone. At the time of testing it was concluded that the gemstone had minor clarity enhancement.

The vivid green color radiates harmoniously in tone and brilliance qualifying for the GRS-type “vibrant” designation. “Vibrant” is an attribute given to gemstones that display a high amount of color reflection – as opposed to the separately considered category of color saturation. A “vibrant” appearance is achieved through the skillful cutting of a gemstone to its optimal proportions, resulting in greater-than-usual weight loss and a maximized reflection pattern.

The combination of very good attributes that this emerald displays was concluded to be important. A high degree of lapidary craftsmanship adds value to the nature of this gemstone.

Emeralds of such high quality are very rare.



Dr. A. Peretti
CEO GRS Laboratories

EXAMINATION RESULTS



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Dimensions	14.87 x 12.22 x 9.45 (mm)
Cut	Step/step (7)
Shape	Octagonal
Color	Vivid green (GRS brilliancy-type "vibrant")
Comment	CE(O): Minor
Origin	Zambia



360° video of the gemstone.
Scan the picture of the stone
or the QR code with the GRS
AR App.

GRS GEMRESEARCH
SWISSLAB





C. DUNAIGRE
Switzerland

Addendum to Gemstone Report CDC 2106096

The intriguing and fascinating world of emeralds often brings to mind many colourful images of beautiful and glowing gems adorning the crown jewels of monarchs, maharajahs and princes. The legends and accounts brought back from early expeditions to the East by travelers and explorers have greatly contributed to the mysticism and the lore associated with these gems.

Among these beautiful gemstones, Zambian emeralds are often praised by the collector and the gem connoisseur for their stunning beauty and depth of colour and count amongst the most sought items of the gemstone world.

C. Dunaigre Consulting has been given the opportunity and the privilege to examine and report on such a beautiful emerald. This exceptionally transparent 12.47 ct Zambian emerald displays a beautiful green hue which is homogenously distributed throughout the stone and the expert cutting allows for many internal reflections to be observed.

Zambian emeralds of such a size and excellent quality as the one described in Gemstone Report CDC 2106096 are **very rare** and should be considered as a real **treasure**.

Le Mont sur Lausanne, 15th June 2021

C. Dunaigre Consulting GmbH

Christian Dunaigre

Émeraude
Smaragd
Emerald

RAPPORT DE PIERRE PRÉCIEUSE · EDELSTEINBERICHT
GEMSTONE REPORT

 **C. DUNAIGRE**
Switzerland

No.	CDC 2106096
Date	14 June 2021
Object description	One faceted gemstone
Weight	12.47 ct
Dimensions	14.88 x 12.22 x 9.45 mm
Colour	Vivid green
Shape/style	Octagonal/step cut
Transparency	Transparent
Quality Grade	Excellent
Identification	EMERALD (Natural Beryl)
This gemstone shows gemological properties consistent with those of emeralds from:	Zambia
Comments	Indications of minor clarity enhancement.*



C. Dunaigre Consulting GmbH
Christian Dunaigre AG, DUG

* Natural emeralds are commonly clarity enhanced.

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IDENTIFICATION · IDENTIFIKATION · IDENTIFICATION

This Gemstone Identification Report is a professional and independent opinion based on the gemmological properties of the gemstone at the time of the examination. The reverse side is an integral part of the Report and contains important information and limitations.