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GIA GEMOLOGICAL REPORT

EMERALD ORIGIN REPORT

GIA REPORT 2436738442

June 22, 2022

DETAILS

Shape..... **Octagonal**
 Cutting Style **Step Cut**
 Transparency **Transparent**
 Color..... **Green**

RESULTS

Species..... **Natural Beryl**
 Variety..... **Emerald**
 Geographic Origin **Zambia**

TREATMENT (Scan QR code for more information)

Clarity Enhanced (F2)

Item Description: One loose stone

Weight: 1.23 carats

Measurements: 6.14 x 6.10 x 4.40 mm

Comments: Any statement on geographic origin is an expert opinion based on a collection of observations and analytical data. Due to their growth conditions in nature and recovery methods, most emeralds contain surface reaching features. For this reason, clarity enhancement is a common trade practice.

CLARITY ENHANCEMENT

NO FISSURES PRESENT	NO OR INSIGNIFICANT CLARITY ENHANCEMENT	QUANTIFICATION OF CLARITY ENHANCEMENT		
		F1	F2	F3
NONE	NO INDICATIONS OF CLARITY ENHANCEMENT	MINOR CLARITY ENHANCEMENT	MODERATE CLARITY ENHANCEMENT	SIGNIFICANT CLARITY ENHANCEMENT

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To learn more about how GIA determines and classifies gemstone origin, as well as maps describing localities, go to reportcheck.gia.edu to view this report.



Image is approximate

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REPORT ID NBR: **AA38557P**
 CODE: 16339-4
 DATE (DD-MM-YY): 19/05/2022



FAMILY/SPECIE: NATURAL BERYL
TRADE NAME: **EMERALD**
WEIGHT: 1.33 CARATS
COLOR: GREEN
SHAPE: OCTAGON
DIMENSIONS: 6.21 x 6.15 x 4.52 mm.
CROWN CUT: STEP
PAVILLION CUT: STEP (4)
COMMENT: **INSIGNIFICANT**
ORIGIN: **ZAMBIA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: 1.580 - 1.590
SPECIFIC GRAVITY: 2.77
POLARISCOPE: DR
SPECTROSCOPE 400-700NM: standard observation
STANDARD FLUORESCENCE LW/SW: NOT TESTED 0
DICHROSCOPE: NOT TESTED
COBALT/CHROMIUM FILTER: NOT TESTED
MICROSCOPE MAGNIFICATION 80X: standard observation;

INFORMATION: Values specified are the real collected data during analysis, beware they can deviate from theory depending on items specificities and testing conditions. Identification is based on all testing results taken into account possible deviation from theory. Specific gravity shall be considered purely indicative for gemstones of a weight inferior to 0.60cts. Absorbance spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.

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