REPORT ID NBR:	**AAP39905**
CODE:	28828-15
DATE (DD-MM-YY):	04/06/2024



FAMILY/SPECIE:	**NATURAL BERYL**
TRADE NAME:	**EMERALD**
WEIGHT:	1.85 CARATS
COLOR:	GREEN
SHAPE:	OCTAGON
DIMENSIONS:	9.03 x 6.49 x 4.20 mm.
CROWN CUT:	STEP
PAVILLION CUT:	STEP (5)
COMMENT:	**MINOR**
ORIGIN:	**ZAMBIA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX:	1.580 - 1.590
SPECIFIC GRAVITY:	2.76
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. Absorbtion spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.

Disclaimer: this online verification in itself does not suffice to guarantee neither the authenticity of a GFCO report nor that the item accompanying it is authentic and corresponds to the one analyzed. GFCO reports represent the opinion of accredited and experienced gemologists about the item at the time of examination. The Laboratory cannot have knowledge of any potential subsequent treatment or modification of the item. The laboratory shall not be liable for any mistake or omission. The use of this report for commercial purpose is solely under the responsibility of the trader.

REPORT ID NBR:	**AAP39904**
CODE:	28828-14
DATE (DD-MM-YY):	04/06/2024



FAMILY/SPECIE:	**NATURAL BERYL**
TRADE NAME:	**EMERALD**
WEIGHT:	2.05 CARATS
COLOR:	GREEN
SHAPE:	OCTAGON
DIMENSIONS:	9.02 x 6.48 x 4.48 mm.
CROWN CUT:	STEP
PAVILLION CUT:	STEP (3)
COMMENT:	**MINOR**
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. Absorbtion spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.

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