

REPORT ID NBR: **AAP11081**
 CODE: 20107-3
 DATE (DD-MM-YY): 02/02/2023



FAMILY/SPECIE: NATURAL BERYL
TRADE NAME: EMERALD
WEIGHT: 0.94 CARATS
COLOR: GREEN
SHAPE: HEART
DIMENSIONS: 6.77 x 7.04 x 3.79 mm.
CROWN CUT: BRILLIANT
PAVILLION CUT: STEP (3)
COMMENT: INSIGNIFICANT
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.

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