

REPORT ID NBR: **AA29974P**
 CODE: 12876-9
 DATE (DD-MM-YY): 22/09/2021



FAMILY/SPECIE: NATURAL SPINEL
TRADE NAME: BLUE COBALT SPINEL
WEIGHT: 2.36 CARATS
COLOR: greenish-BLUE
SHAPE: CUSHION
DIMENSIONS: 9.03 x 7.38 x 4.48 mm.
CROWN CUT: BRILLIANT
PAVILLION CUT: STEP (3)
COMMENT: NO HEAT - NO TREATMENT
ORIGIN: TANZANIA

TESTING METHODS & RESULTS

REFRACTIVE INDEX: 1.720
SPECIFIC GRAVITY: 3.63
POLARISCOPE: SR
SPECTROSCOPE 400-700NM: diagnostic absorption
STANDARD FLUORESCENCE LW/SW: not tested
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. Absorption spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.

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