

REPORT ID NBR: **AAP29866**
CODE: **25790-1**
DATE (DD-MM-YY): **21/12/2023**



FAMILY/SPECIE: **NATURAL TOURMALINE**
TRADE NAME: **PARAIBA TOURMALINE**
WEIGHT: **0.61 CARATS**
COLOR: **BLUE**
SHAPE: **MARQUISE**
DIMENSIONS: **10.30 x 4.15 x 2.30 mm.**
CROWN CUT: **BRILLIANT**
PAVILLION CUT: **FANCY**

ORIGIN: **MOZAMBIQUE**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.620 - 1.640**
SPECIFIC GRAVITY: **3.05**
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;**

COMMENT: **Presence of copper confirmed by semi-quantitative EDXRF analysis.**

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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