

GEMMOLOGICAL REPORT | RAPPORT GEMMOLOGIQUE

Bellerophon Gemlab S.A.S
16 Place Vendôme, 75001 Paris France

REPORT No. B52143
September 26, 2025

Most of the data collected on your item is available online. It may include FTIR, EDXRF, PL532, PL313, UV-vis, LIBS and/or Raman

DETAILS & RESULTS

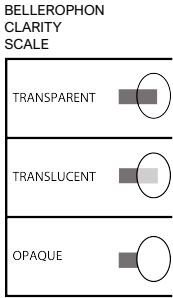
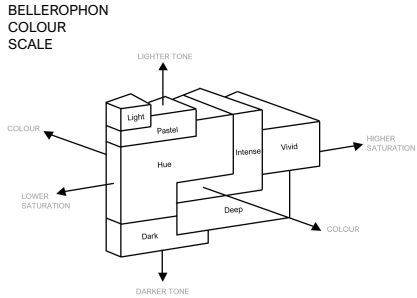
Description Two transparent gemstones
Weight 3.500 & 3.799 ct
Measurements 16.94 x 7.48 x 4.55 & 16.94 x 7.61 x 5.06 mm
Shape Pear
Identification Natural RUBELLITE - TOURMALINES
Colour Reddish Purple
Colour Stability Stable
Comment: No indications of any treatment

Fluorescence: None

Colour origin is currently undeterminable.



Image is approximate




T. Rozet, ATC, GA
Gemmologist


Wishly, AG
Gemmologist

Verify and download digital report at bellerophonlab.com. included 360 video & 3D scan



VERIFICATION

REPORT ID NBR: **AEP8530**
 CODE: 37651-5
 DATE (DD-MM-YY): 15-08-25

**DATA OF GESMTONE ON THE LEFT:**

FAMILY/SPECIE: NATURAL ZOISITE
TRADE NAME: **TANZANITE**
WEIGHT: 2.60 CARATS
COLOR: VIVID VIOLET-BLUE / BLUE-VIOLET
SHAPE: OCTAGON
DIMENSIONS: 7.96 x 7.95 x 5.11 mm.
CROWN CUT: STEP
PAVILLION CUT: STEP

ORIGIN: **TANZANIA**

DATA OF GESMTONE ON THE RIGHT:

FAMILY/SPECIE: NATURAL ZOISITE
TRADE NAME: **TANZANITE**
WEIGHT: 2.14 CARATS
COLOR: VIVID VIOLET-BLUE / BLUE-VIOLET
SHAPE: OCTAGON
DIMENSIONS: 7.96 x 7.89 x 4.33 mm.
CROWN CUT: STEP
PAVILLION CUT: STEP

ORIGIN: **TANZANIA**

TESTING METHODS & RESULTS OF FIRST GEMSTONE:

REFRACTIVE INDEX: 1.690 - 1.700
 SPECIFIC GRAVITY: 3.38
 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;

TESTING METHODS & RESULTS OF SECOND GEMSTONE:

REFRACTIVE INDEX: 1.69 - 1.70
 SPECIFIC GRAVITY: 3.40
 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. Absorption 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.