

GEMMOLOGICAL REPORT | RAPPORT GEMMOLOGIQUE

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

REPORT No. B48100
June 11, 2025

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

DETAILS & RESULTS

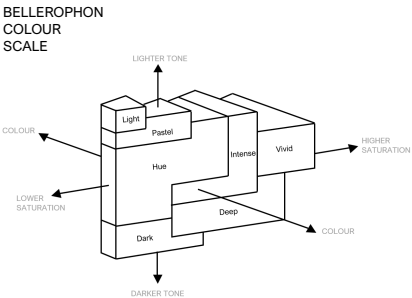
Description Two transparent gemstones
Weight 6.682 & 6.256 ct
Measurements 12.40 x 9.73 x 6.40 & 12.32 x 9.69 x 5.84 mm
Shape Pear
Identification Natural Z I R C O N S
Colour Greenish Blue
Colour Stability Stable
Comment: No indications of any treatment

These gemstones may be called "Vibrant" due to their ideal cutting proportions.
Fluorescence: Faint

Colour origin is currently undeterminable.



Image is approximate



M.P.H. Curti, GG
Chief gemmologist

T. Rozet, ATC, GA
Gemmologist

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



VERIFICATION

REPORT ID NBR: **AEP5936**
 CODE: **31291-8**
 DATE (DD-MM-YY): **07/10/2024**



REF:0013



FAMILY/SPECIE: **NATURAL ZIRCON**
 TRADE NAME: **BLUE ZIRCON**
 WEIGHT: **3.29 CARATS**
 COLOR: **BLUE**
 SHAPE: **OVAL**
 DIMENSIONS: **9.06 x 7.08 x 4.94 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**

ORIGIN: **CAMBODIA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **OTL**
 SPECIFIC GRAVITY: **4.77**
 POLARISCOPE: **DR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED Q**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

DISCLAIMER: Values specified are the real collected data during analysis, however they can deviate from theory depending on items specifications 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.

DATAS OF GEMSTONE ON THE LEFT OF THE PICTURE (PAIRS):

FAMILY/SPECIE: **NATURAL ZIRCON**
 TRADE NAME: **BLUE ZIRCON**
 WEIGHT: **3.05 CARATS**
 COLOR: **BLUE**
 SHAPE: **OVAL**
 DIMENSIONS: **9.04 x 7.00 x 4.63 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**

ORIGIN: **CAMBODIA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **OTL**
 SPECIFIC GRAVITY: **4.84**
 POLARISCOPE: **DR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED Q**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

DISCLAIMER: Values specified are the real collected data during analysis, however they can deviate from theory depending on items specifications 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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