

REPORT ID NBR: **AEP3173**  
 CODE: **24056-31**  
 DATE (DD-MM-YY): **15/09/2023**



FAMILY/SPECIE: **NATURAL CORUNDUM**  
 TRADE NAME: **SAPPHIRE**  
 WEIGHT: **0.74 CARATS**  
 COLOR: **CORNFLOWER BLUE**  
 SHAPE: **HEART**  
 DIMENSIONS: **5.49 x 5.87 x 2.95 mm.**  
 CROWN CUT: **BRIILLANT**  
 PAVILLION CUT: **STEP**  
 COMMENT: **STANDARD HEAT**  
 ORIGIN: **SRI LANKA**

#### TESTING METHODS & RESULTS

REFRACTIVE INDEX: 1.760 - 1.770  
 SPECIFIC GRAVITY: 4.11  
 POLARISCOPE: DR  
 SPECTROSCOPE 400-700NM: diagnostic absorption  
 STANDARD FLUORESCENCE LW/SW: NOT TESTED  
 DICHIROSCOPE: NOT TESTED  
 COBALT/CHROMIUM FILTER: NOT TESTED  
 MICROSCOPE MAGNIFICATION 80X: natural inclusions of heated stones;

*INFORMATION: 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 affording results taken into account possible deviation from theory. Specific gravity shall be considered purely indicative for gemstones of a weight inferior to 0.80cts. Absorbition 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 CORUNDUM**  
 TRADE NAME: **SAPPHIRE**  
 WEIGHT: **0.73 CARATS**  
 COLOR: **CORNFLOWER BLUE**  
 SHAPE: **HEART**  
 DIMENSIONS: **5.49 x 5.78 x 2.98 mm.**  
 CROWN CUT: **BRIILLANT**  
 PAVILLION CUT: **STEP**  
 COMMENT: **STANDARD HEAT**  
 ORIGIN: **SRI LANKA**

#### TESTING METHODS & RESULTS

REFRACTIVE INDEX: 1.76 - 1.77  
 SPECIFIC GRAVITY: 4.05  
 POLARISCOPE: DR  
 SPECTROSCOPE 400-700NM: diagnostic absorption  
 STANDARD FLUORESCENCE LW/SW: NOT TESTED  
 DICHIROSCOPE: NOT TESTED  
 COBALT/CHROMIUM FILTER: NOT TESTED  
 MICROSCOPE MAGNIFICATION 80X: natural inclusions of heated stones;

*INFORMATION: 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 a P testing results taken into account possible deviation from theory. Specific gravity shall be considered purely indicative for gemstones of a weight inferior to 0.80cts. Absorbition spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.*

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