

REPORT ID NBR: **AAP54117**
 CODE: **34267-2**
 DATE (DD-MM-YY): **10/03/2025**



REPORT ID



FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.52 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.44 x 6.50 x 4.61 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.720**
 SPECIFIC GRAVITY: **3.62**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 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 0.80cts. Absorption spectrum is solely specified if meaningful for identification purpose. Only key inclusions are specified.

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

FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.26 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.55 x 6.44 x 4.03 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.72**
 SPECIFIC GRAVITY: **3.60**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

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REPORT ID NBR: **AEP7047**
 CODE: **34050-6**
 DATE (DD-MM-YY): **01/03/2025**



REPORT



FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.84 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.09 x 8.79 x 4.54 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.720**
 SPECIFIC GRAVITY: **3.61**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

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

FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.62 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.25 x 8.58 x 4.37 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.72**
 SPECIFIC GRAVITY: **3.60**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

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REPORT ID NBR: **AEP7045**
 CODE: **34050-5**
 DATE (DD-MM-YY): **01/03/2025**



REPORT



FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.97 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.62 x 9.04 x 4.41 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.720**
 SPECIFIC GRAVITY: **3.58**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

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

FAMILY/SPECIE: **NATURAL SPINEL**
 TRADE NAME: **RED SPINEL**
 WEIGHT: **1.90 CARATS**
 COLOR: **VIVID RED**
 SHAPE: **HEART**
 DIMENSIONS: **7.40 x 8.92 x 4.55 mm.**
 CROWN CUT: **BRILLIANT**
 PAVILLION CUT: **STEP**
 COMMENT: **NO HEAT - NO TREATMENT**
 ORIGIN: **BURMA**

TESTING METHODS & RESULTS

REFRACTIVE INDEX: **1.72**
 SPECIFIC GRAVITY: **3.52**
 POLARISCOPE: **SR**
 SPECTROSCOPE 400-700NM: **diagnostic absorption**
 STANDARD FLUORESCENCE LW/SW: **NOT TESTED 0**
 DICHROSCOPE: **NOT TESTED**
 COBALT/CHROMIUM FILTER: **NOT TESTED**
 MICROSCOPE MAGNIFICATION BOX: **standard observation;**

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