08 July, 2022

ALGT REPORT NUMBER: 01016369

PICTURE OF ITEM(S)



Picture is not actual size. The color of the item(s) and the color of the picture may be different.

ALGT
Antwerp Laboratory for Gemstone Testing

ALGT COLORED STONE IDENTIFICATION REPORT

IDENTIFICATION

Species ..... Natural Corundum
Variety ..... Sapphire

DESCRIPTION

Shape & Cutting Style ..... Cushion, Mixed Cut
Measurements ..... 7.60 x 6.07 x 4.84 mm
Carat Weight ..... 2.27 Carat
Color ..... Vivid/Deep Blue
Transparency ..... Transparent

ADDITIONAL GRADING CHARACTERISTICS

Color Quality Grade ..... Fine Color Quality
Origin ..... Sri Lanka

Origin determination is an expert opinion based on microscopic examination, spectroscopic features and chemical trace element analysis.

COMMENTS

No indication of heating.

MAIN PROPERTIES OF SAPPHIRE

Chemical Composition ..... Al_2O_3
Crystal System ..... Trigonal
Mohs Hardness 9.0
Specific Gravity ..... 3.97 - 4.10 g/cm^3
Optical Character ..... Uniaxial-
Refractive Index ..... 1.757 - 1.779
Birefringence ..... 0.008 - 0.009

Please visit our website for more information: www.algtlabs.com

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TERMS AND CONDITIONS ON REVERSE