04 December, 2025

ALGT REPORT NUMBER: 74314200

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 ..... Modified Octagon, Step Cut
Measurements ..... 7.65 x 5.91 x 4.20 mm
Carat Weight ..... 1.74 Carat
Color ..... Vivid/Deep Blue
Transparency ..... Transparent

ADDITIONAL GRADING CHARACTERISTICS

Trade Color Name ..... Royal Blue
Color Quality Grade ..... Extra Fine Color Quality
Origin ..... Madagascar

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

COMMENTS

Indications of heating present.

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