

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 COLORED STONE IDENTIFICATION REPORT

IDENTIFICATION

Species Natural Corundum
Variety Sapphire

DESCRIPTION

Shape & Cutting Style Rectangular Cushion, Mixed Cut
Measurements 8.09 x 5.83 x 3.89 mm
Carat Weight 1.77 Carat
Color Intense Blue
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin Madagascar

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

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