

04 October, 2024
ALGT REPORT NUMBER: 91992383



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 Square Cushion, Mixed Cut
Measurements 6.22 x 6.15 x 3.92 mm
Carat Weight 1.42 Carat
Color Blue
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin Sri Lanka (Ceylon)

COMMENTS

No indications 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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