

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 Ruby

DESCRIPTION

Shape & Cutting Style Oval, Mixed Cut
Measurements 7.45 x 5.71 x 3.39 mm
Carat Weight 1.25 Carat
Color Vivid Purplish Red
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin Mozambique

COMMENTS

No indications of heating.

MAIN PROPERTIES OF RUBY

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 - 1.780
Birefringence 0.008 - 0.010

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