18 July, 2024

ALGT REPORT NUMBER: 40368254

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 ..... Ruby

DESCRIPTION

Shape & Cutting Style ..... Oval, Mixed Cut
Measurements ..... 8.00 x 6.57 x 4.04 mm
Carat Weight ..... 2.10 Carat
Color ..... Intense/Vivid Purplish Red (Orangy)
Transparency ..... Transparent

ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin ..... Mozambique

COMMENTS

No indications of heating.

Minor amount of (orange) oil in fissures.
Oiling has become a common practice in trade for many gemstones. This enhancement is reversible at any time.

Orange color is due to the orange oil in fissures.

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

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

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TERMS AND CONDITIONS ON REVERSE