

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 ..... 7.90 x 5.91 x 3.54 mm  
Carat Weight ..... 1.40 Carat  
Color ..... Vivid/Deep Red  
Transparency ..... Transparent

**ADDITIONAL GRADING CHARACTERISTICS**

Color Quality Grade ..... Fine Color Quality  
Origin ..... Mozambique  
Origin determination is an expert opinion based on microscopic examination, spectroscopic features and chemical trace element analysis.

**COMMENTS**

Indications of heating present and minor residue in  
healed fissures.

**MAIN PROPERTIES OF RUBY**

Chemical Composition .....  $\text{Al}_2\text{O}_3$   
Crystal System ..... Trigonal  
Mohs Hardness ..... 9.0  
Specific Gravity ..... 3.97 - 4.10  $\text{g/cm}^3$   
Optical Character ..... Uniaxial-  
Refractive Index ..... 1.757 - 1.780  
Birefringence ..... 0.008 - 0.010

Please visit our website  
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[www.algtlabs.com](http://www.algtlabs.com)



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