

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 ..... 6.83 x 5.77 x 3.00 mm  
Carat Weight ..... 1.04 Carat  
Color ..... Vivid/Deep Red  
Transparency ..... Transparent

ADDITIONAL GRADING CHARACTERISTICS

Trade Color Name ..... Pigeon Blood  
Color Quality Grade ..... Extra Fine Color Quality  
Origin ..... Montana (U.S.A.)

Origin determination is an expert opinion based on microscopic examination, spectroscopic features and chemical trace element analysis.

COMMENTS

Indications of heating present.

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](http://www.algtlabs.com)



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