

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 ..... Pear, Mixed Cut  
Measurements ..... 10.82 x 8.65 x 4.58 mm  
Carat Weight ..... 3.13 Carat  
Color ..... Blue  
Transparency ..... Transparent

**ADDITIONAL GRADING CHARACTERISTICS**

Origin ..... Madagascar  
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 SAPPHIRE**

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 - 1.779  
Birefringence ..... 0.008 - 0.009

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



Reportcheck QR

