

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 Color-Change Sapphire

DESCRIPTION

Shape & Cutting Style Pear, Mixed Cut
Measurements 12.77 x 8.07 x 4.62 mm
Carat Weight 3.54 Carat
Color Intense Yellow/Yellowish Pink
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin Madagascar
Optical Effect Color-Change Effect

COMMENTS

No indications of heating.

MAIN PROPERTIES OF SAPPHIRE

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 - 1.779
Birefringence 0.008 - 0.009

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