07 June, 2023

**ALGT REPORT NUMBER:** 93428189

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 ..... Sapphire

## DESCRIPTION

Shape & Cutting Style ..... Cushion, Mixed Cut
Measurements ..... 8.02 x 6.39 x 4.97 mm
Carat Weight ..... 2.52 Carat
Color ..... Intense Blue
Transparency ..... Transparent

## ADDITIONAL GRADING CHARACTERISTICS

Suggested Origin ..... Madagascar

## COMMENTS

Indications of heating present.

## 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

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

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TERMS AND CONDITIONS ON REVERSE