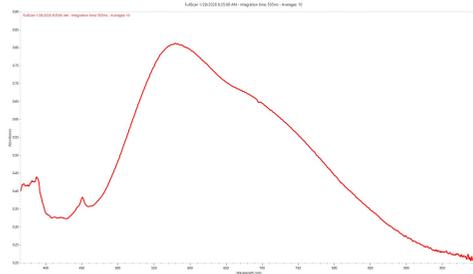


PICTURE OF ITEM(S)



Picture is not actual size. The color of the item(s) and the color of the picture may be different.

UV-VIS-NIR SPECTRUM



ALGT COLORED STONE IDENTIFICATION REPORT

IDENTIFICATION

Species Natural Corundum
Variety Sapphire

DESCRIPTION

Shape & Cutting Style Heart, Mixed Cut
Measurements 11.88 x 10.32 x 8.60 mm
Carat Weight 8.39 Carat
Color Intense Blue
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Origin Sri Lanka (Ceylon)
Origin determination is an expert opinion based on microscopic examination, spectroscopic features and chemical trace element analysis.

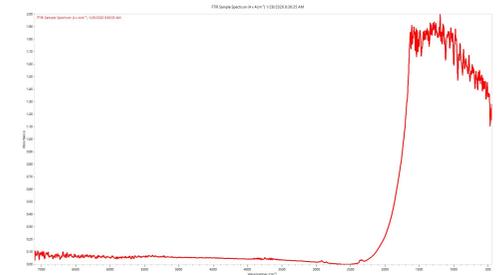
COMMENTS

No indications of heating.

MAIN PROPERTIES OF SAPPHIRE

Chemical Composition Al₂O₃
Crystal System Trigonal
Mohs Hardness 9.0
Specific Gravity 3.97 - 4.10 g/cm³
Optical Character Uniaxial-
Refractive Index 1.757 - 1.779
Birefringence 0.008 - 0.009

FTIR SPECTRUM



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



Reportcheck QR

