Gem Identification Report

Report No. J005617
Date: January 24, 2020
Variety: Natural sapphire
Species: Corundum



Origin: Mogok, Myanmar.
Comment: No indication of thermal treatment.

Description

No. of pieces	:	One
Weight	:	4.395 cts
Measurement	:	10.43x8.12x6.02 mm
Cut style	:	Mixed cut, cushion shape
Colour	:	Light cornflower blue
Transparency	:	Transparent

Data analysis

Pleochroism	:	Strong
Optic character	:	Uniaxial
Refractive index	:	1.76-1.77
CCF	:	-
Fluorescence	:	Inert
Absorption Spectrum	:	450nm line
Density	:	3.99
Hardness	:	9
Magnification	:	Fine rutiles, tiny crystals.

Identified by:

Kyaw Swar Htun
B.Sc(Geology),DAG(Gemmology),FGA(London),
Diamond Graduate (GIA).