Bellerophon©

Gemlab

GEMMOLOGICAL REPORT

image is approximate

Date 10-Jan-20

Report number R-202024099

Weight ..... 1.891 & 2.190 carats

Shape ..... Cushion

Measurements..... 6.95 x 6.71 x 4.66 mm

6.98 x 6.78 x 5.21 mm

Identification ..... Natural Sapphire

Colour ..... White

Comment : No Indication of thermal treatment

Origin determination: Burma (Myanmar)

Burma sapphires were formed some 30 million years ago

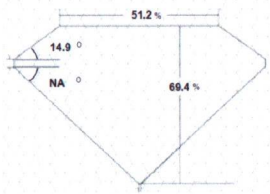
Dr. D. Schwarz

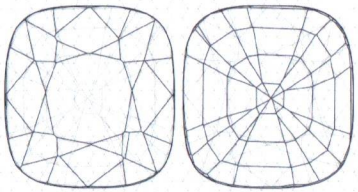
M.P.H Curti, GG

GEMMOLOGICAL PROPERTIES

The data collected on your item is valid at the issuance date of this report

Actual cut of your gemstone





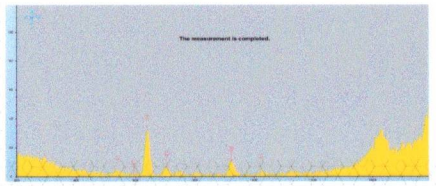
Profile not to actual proportions

Crown

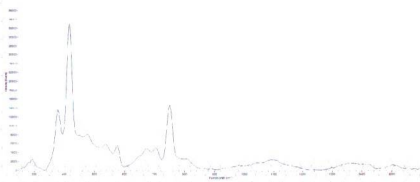
Pavillion

Length	6.95	Width	6.71	Height	4.66
Ratio	1.04	Crown Angle	14.9	Pavilion Angle	NA

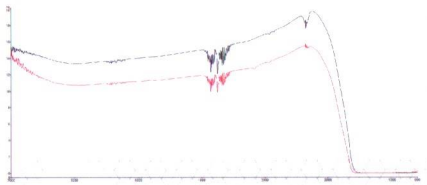
Energy-dispersive X-ray fluorescence spectroscopy



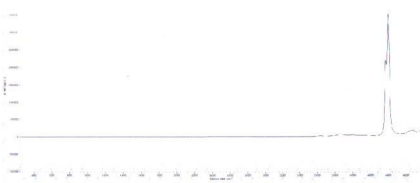
Raman Spectroscopy



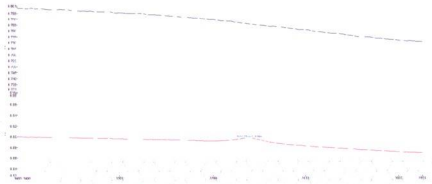
Fourier-transform infrared spectroscopy (T%)



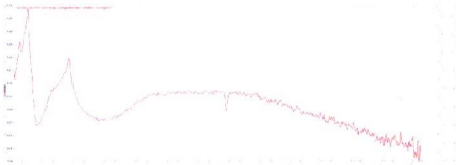
Photoluminescence



Fourier-transform infrared spectroscopy (A)



Ultraviolet-visible spectroscopy



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360°

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