



## GEMMOLOGICAL REPORT

image is approximate

Date ..... 22-Jan-20

Report number ..... R-202024630

Weight ..... 1.336 carats

Measurements ..... 6.92 x 5.29 x 4.12 mm

Shape ..... Oval

Identification ..... Natural Sapphire

Colour ..... Blue

Comment : No Indication of thermal treatment

Origin determination: Burma (Myanmar)

Burma sapphires were formed some 30 million years ago

Dr. D. Schwarz

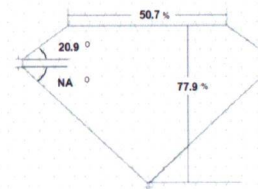


M.P.H. Curti, GG

## GEMMOLOGICAL PROPERTIES

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

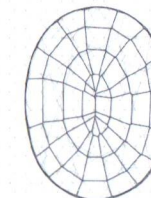
Actual cut of your gemstone



Profile not to actual proportions



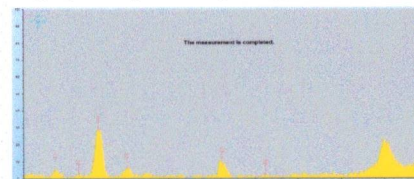
Crown



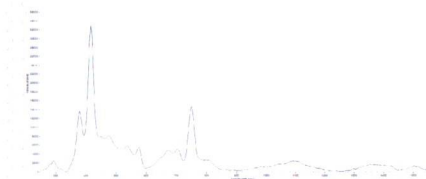
Pavilion

Length	6.92	Width	5.29	Height	4.12
Ratio	1.31	Crown Angle	20.9	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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