



GEMMOLOGICAL REPORT

image is approximate

Date 10-Jan-20
 Report number R-202024081

Weight 1.158 carats
 Measurements 5.88 x 5.19 x 4.04 mm
 Shape Octagonal

Identification Natural Sapphire
 Colour Pastel Purple

Comment : No Indication of thermal treatment

Origin determination: Burma (Myanmar)
 Burma sapphires were formed some 30 million years ago

Dr. D. Schwarz

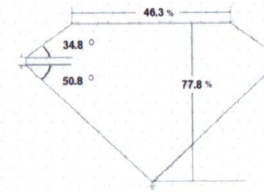


M.P.H. Curti, GG

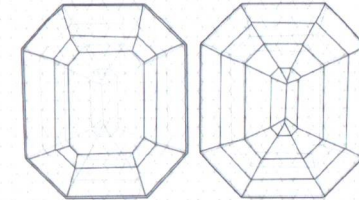
GEMMOLOGICAL PROPERTIES

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

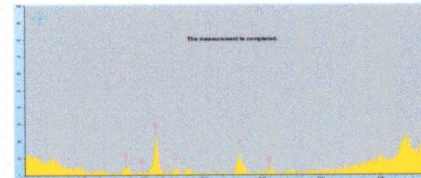


Crown

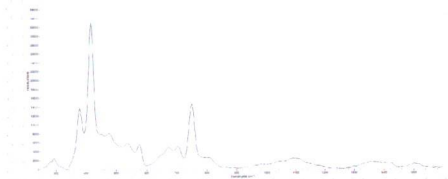
Pavilion

Length	5.88	Width	5.19	Height	4.04
Ratio	1.13	Crown Angle	34.8	Pavilion Angle	50.8

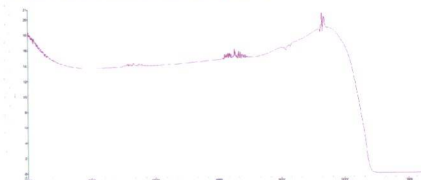
Energy-dispersive X-ray fluorescence spectroscopy



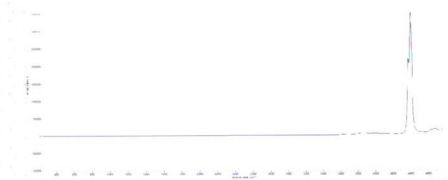
Raman Spectroscopy



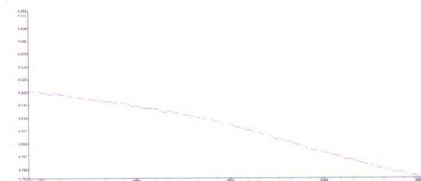
Fourier-transform infrared spectroscopy (T%)



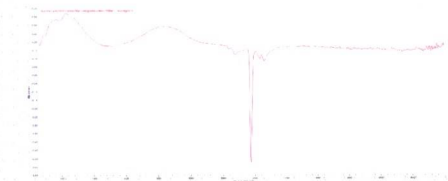
Photoluminescence



Fourier-transform infrared spectroscopy (A)



Ultraviolet-visible spectroscopy



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