



GEMMOLOGICAL REPORT

image is approximate

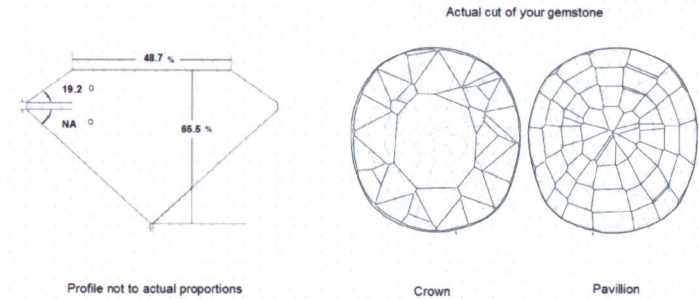
Date 19-Mar-20
 Report number R-202028010

Weight 1.569 carats
 Measurements 7.18 x 6.67 x 4.37 mm
 Shape Oval

Identification Natural Spinel
 Colour Vivid Red

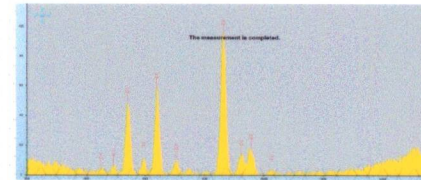
Comment : No Indication of any treatment

Origin determination: Burma (Myanmar)
 Spinel from Burma were formed some 35 million years ago

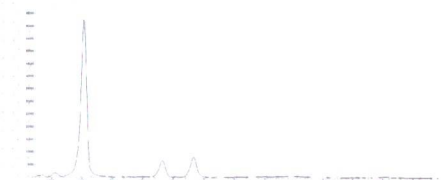


Length	7.18	Width	6.67	Height	4.37
Ratio	1.08	Crown Angle	19.2	Pavilion Angle	NA

Energy-dispersive X-ray fluorescence spectroscopy



Raman Spectroscopy



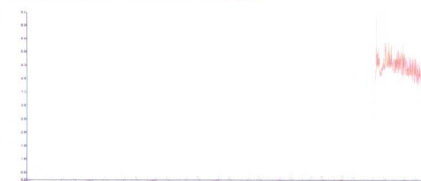
Fourier-transform infrared spectroscopy (T%)



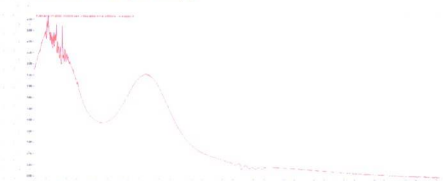
Photoluminescence



Fourier-transform infrared spectroscopy (A)



Ultraviolet-visible spectroscopy



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Dr. D. Schwarz



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