




GEMMOLOGICAL REPORT


image is approximate

Date ..... 20-Mar-20  
 Report number ..... R-202028198  
 Weight ..... 2.029 carats  
 Measurements ..... 8.21 x 6.11 x 4.84 mm  
 Shape ..... Oval  
 Identification ..... Natural Tsavorite Garnet  
 Colour ..... Vivid Green

Comment : No Indication of any treatment  
 Origin determination: East Africa

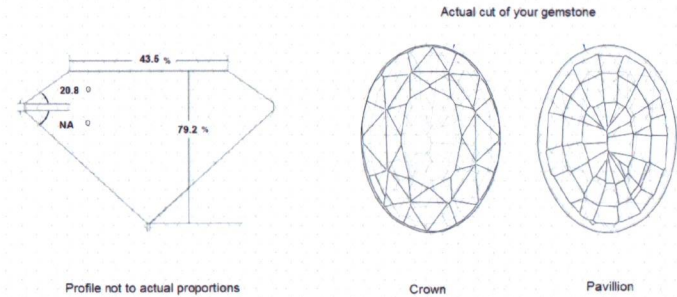
  
 Dr. D. Schwarz



  
 M.P.H. Curti, GG

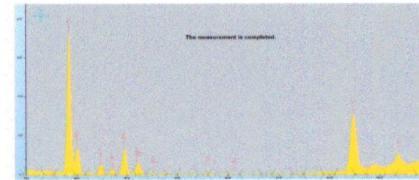
GEMMOLOGICAL PROPERTIES

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

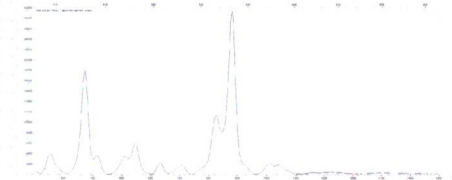


|        |      |             |      |                 |      |
|--------|------|-------------|------|-----------------|------|
| Length | 8.21 | Width       | 6.11 | Height          | 4.84 |
| Ratio  | 1.34 | Crown Angle | 20.8 | Pavillion Angle | NA   |

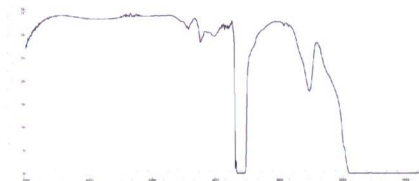
Energy-dispersive X-ray fluorescence spectroscopy



Raman Spectroscopy



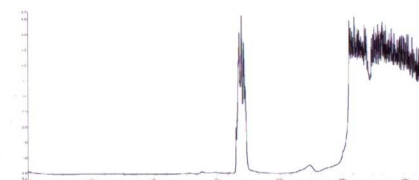
Fourier-transform infrared spectroscopy (T%)



Photoluminescence



Fourier-transform infrared spectroscopy (A)



Ultraviolet-visible spectroscopy



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