



## GEMMOLOGICAL REPORT

image is approximate

Date ..... 24-Mar-20

Report number ..... R-202028212

Weight ..... 1.430 carats

Measurements ..... 6.54 x 6.51 x 3.91 mm

Shape ..... Octagonal

Identification ..... Natural Sapphire

Colour ..... Yellow

Comment : No Indication of thermal treatment

Origin determination: Ceylon (Sri Lanka)

Sapphires from Sri Lanka were formed some 550 million years ago

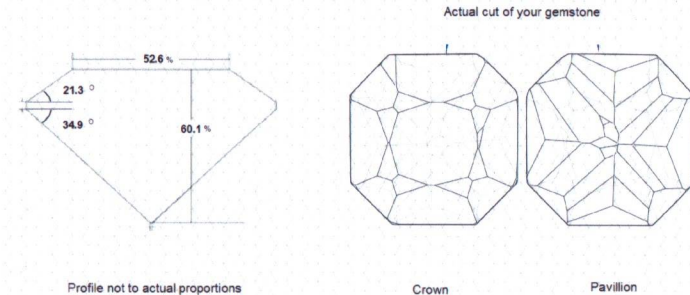
Dr. D. Schwarz



M.P.H. Curti, GG

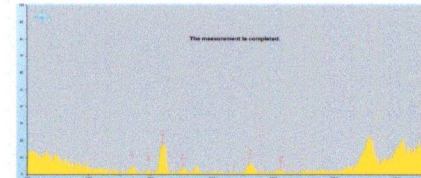
## GEMMOLOGICAL PROPERTIES

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

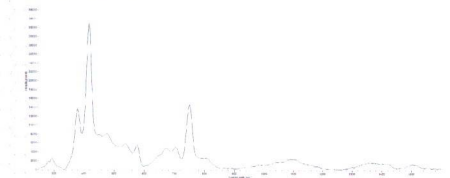


Length	6.54	Width	6.51	Height	3.91
Ratio	1.00	Crown Angle	21.3	Pavilion Angle	34.9

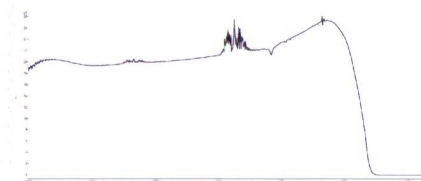
### Energy-dispersive X-ray fluorescence spectroscopy



### Raman Spectroscopy



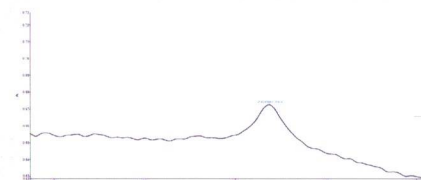
### Fourier-transform infrared spectroscopy (1%)



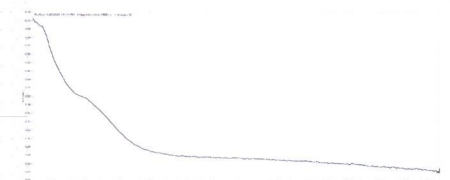
### Photoluminescence



### Fourier-transform infrared spectroscopy (A)



### Ultraviolet-visible spectroscopy



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