



GEMMOLOGICAL REPORT

image is approximate

Date 19-Mar-20

Report number R-202028001

Weight 1.340 carats

Measurements 7.52 x 5.62 x 3.40 mm

Shape Oval

Identification Natural Sapphire

Colour Purple

Comment : No Indication of thermal treatment

Origin determination: Madagascar

Sapphires from Madagascar were formed some 630 million years ago

Dr. D. Schwarz

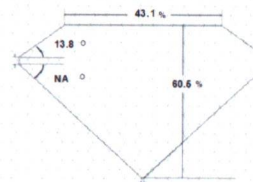


M.P.H. Curti, GG

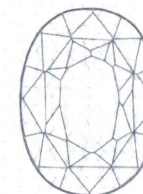
GEMMOLOGICAL PROPERTIES

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

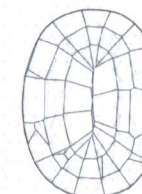
Actual cut of your gemstone



Profile not to actual proportions



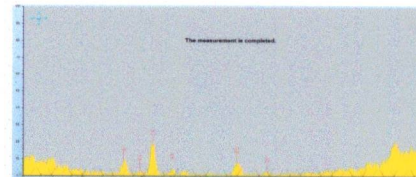
Crown



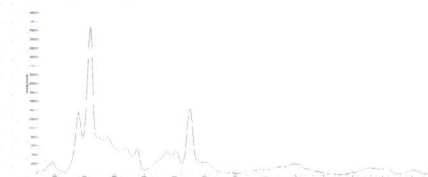
Pavilion

Length	7.52	Width	5.62	Height	3.40
Ratio	1.34	Crown Angle	13.8	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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