

**SOME CUTTING STYLES**



**Cushion Oval Triangle Pear Round**

**GEMMOLOGICAL SPECIFICATIONS**

<b>Mineral</b>	Corundum
<b>Chem.Composition:</b>	Al <sub>2</sub> O <sub>3</sub>
<b>Specific Gravity</b>	4.00
<b>Hardness</b>	9
<b>Refractive Index</b>	1.762 – 1.770
<b>Birefringence</b>	0.008 – 0.010
<b>Fluorescence</b>	Orangey red
<b>Pleochroism</b>	vB-gB
<b>Optic character</b>	Doubly refractive
<b>Optic sign</b>	0.018

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. The customer shall have no claim against the grader, its principal, distributor or retailer for any inaccuracies or errors contained herein. PS: Most gemstones have been heated to improve their colour.

**GRADER** Dr P Prins Ph.D. (geochemistry) MBA Stellenbosch  
Mrs Riana Courtis. Graduate Gemmologist (GIA)

Date.....signature.....

**RUBY**



representation only - not the items graded

**GEMMOLOGICAL GRADING REPORT**

**No. R 0022**



**PRINS & PRINS GEMSTONE LABORATORY**

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**Member of the S.A Jewellery Council**

**GRADING REPORT**

**Identification**..... **NATURAL RUBY** .....

**Origin** ..... **Madagascar**.....

**Weight** ..... **0.48 ct** .....

**Dimensions** ..... **4.43 x 4.48 – 3.03 mm** .....

**Shape** ..... **ROUND** .....

**Colour Hue** ..... **RED** .....

**Tone** ..... **MEDIUM** .....

**Saturation** ..... **VIVID** .....

**Clarity** ..... **EYE CLEAN** .....

**Cut** ..... **VERY GOOD** .....

**Brilliance** ..... **80 %** .....

**FINAL GRADE**..... **PREMIER PLUS** .....

**EXPLANATION OF REPORT**

**WEIGHT** 1 carat = 200mg = 100 points

**COLOUR – has three components:**

- 1.Hue: Describes the colour the eye sees. eg. yellowish green
- 2.Tone: Indicates to the lightness or darkness of the colour.

Very light	Light	Medium	Dark	Very dark
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3.Saturation: Indicates to the intensity and purity of the colour.

Poor	Medium	Strong	Vivid
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**CLARITY** indicates the amount of internal and external blemishes visible with the trained naked eye

Eye clean	Slightly included	Moderately Included	Heavily Included
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**CUT** describes the quality of the stone's symmetry, its polish and proportions

Very good	Good	Average
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**BRILLIANCE** the percentage of light reflected to the eye in the stone's face-up position

**FINAL GRADE**

Premier plus	Premier	Good	Average	Poor
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