

**SOME CABOCHON STYLES**



Dendrites are fern-like inclusions of iron, manganese, or other metallic oxides

**GEMMOLOGICAL SPECIFICATIONS**

<b>Mineral</b>	Quartz
<b>Chem. Composition:</b>	SiO <sub>2</sub>
<b>Specific Gravity</b>	2.66
<b>Hardness</b>	7
<b>Refractive Index</b>	1.544 –1.553
<b>Birefringence</b>	0.009
<b>Fluorescence</b>	Inert
<b>Pleochroism</b>	Weak
<b>Optic character</b>	Uni-axial positive

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. Most gemstones are heated to improve their colour.

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

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

**DENDRITIC QUARTZ**



the item graded

**GEMMOLOGICAL GRADING REPORT**  
No. XQTZ 006

**PRINS & PRINS GEMSTONE LABORATORY**



Huguenot House, 66 Loop St. Cape Town RSA

www.prinsandprins.com

Member of the S.A Jewellery Council

**GRADING REPORT**

**Identification..... DENDRITIC QUARTZ .....**

**Weight..... 31.2 ct .....**

**Dimensions ... 25.0 x 25.0 – 26.0 mm .....**

**Shape .....TRILLIANT CABOCHON .....**

**Colour Hue ..... CLEAR .....**

**Tone ..... n/a .....**

**Saturation ..... n/a .....**

**Clarity ... iron and manganese dendrites .....**

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

**Polish ..... VERY GOOD.....**

**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 AND POLISH** describes the quality of the stone's symmetry, its polish and proportions

Very good	Good	Average
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**FINAL GRADE**

Premier plus	Premier	Good	Average	Poor
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