


CUTTING STYLES



GEMMOLOGICAL SPECIFICATIONS


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

GRADER Riana Courtis G.G. (GIA)
Dr P Prins

Date

SAPPHIRE



representation of sapphire-not the item graded

**GEMMOLOGICAL
GRADING REPORT**
Number **XSA 125**

**PRINS & PRINS
GEMSTONE LABORATORY**

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

Huguenot House, 66 Loop St. Cape Town RSA
www.prinsandprins.com

Member of the S.A Jewellery Council

GRADING CERTIFICATE

Identification.....SAPPHIRE

Weight..... **1.71 ct**

Dimensions.... **8.34 x 6.08 – 3.44 mm**....

Shape **OVAL**

Colour – Hue: **BLUE**

Tone... **MEDIUM**

Saturation **MEDIUM**

Clarity..... **Slightly Included**

Cut **VERY GOOD**

Brilliance..... **50 %**

Final Grade..... **AVERAGE**

EXPLANATION OF CERTIFICATE

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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