


**CUTTING STYLES**



**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 dispersion</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.

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

Date .....

**SAPPHIRE**



representation of sapphire-not the item graded

**GEMMOLOGICAL  
GRADING REPORT**  
Number **XSA 103**

**PRINS & PRINS  
GEMSTONE LABORATORY**

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Member of the S.A Jewellery Council

**GRADING CERTIFICATE**

**Identification**.....SAPPHIRE .....

**Weight**..... **1.38 ct** .....

**Dimensions**.... **7.04 x 6.07 – 3.48 mm**....

**Shape** ..... **OVAL** .....

**Colour – Hue:** .... **BLUE** .....

**Tone**... **DARK** .....

**Saturation** .... **STRONG** .....

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

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

**Brilliance**..... **60 %** .....

**Final Grade**..... **GOOD** .....

**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 |
|------------|-------|--------|------|-----------|

3.Saturation: Indicates to the intensity and purity of the colour.

|      |        |        |       |
|------|--------|--------|-------|
| Poor | Medium | Strong | Vivid |
|------|--------|--------|-------|

**CLARITY** indicates the amount of internal and external blemishes visible with the trained naked eye

|           |                   |                     |                  |
|-----------|-------------------|---------------------|------------------|
| Eye clean | Slightly included | Moderately included | Heavily included |
|-----------|-------------------|---------------------|------------------|

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

|           |      |         |
|-----------|------|---------|
| Very good | Good | Average |
|-----------|------|---------|

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

**FINAL GRADE**

|              |         |      |         |      |
|--------------|---------|------|---------|------|
| Premier plus | Premier | Good | Average | Poor |
|--------------|---------|------|---------|------|